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Budget Bureau 42 R358.2. Approval expires 12-31-52. vrm 9-881 a (Feb. 1961) Land Office Salt Lake City (SUBMIT IN TRIPLICATE) 0-081 Lease No. Red Weeh UNITED STATES Unit DEPARTMENT OF THE INTERIOR 22 GEOLOGICAL SURVEY NOV4 - 1953 RECEILS OF CLERAMING LAWINDING SUNDRY NOTICES AND REPORTS ON WELLS SUBSEQUENT REPORT OF WATER SHUT-OFF. NOTICE OF INTENTION TO DRILL SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING NOTICE OF INTENTION TO CHANGE PLANS..... SUBSEQUENT REPORT OF ALTERING CASING NOTICE OF INTENTION TO TEST WATER SHUT-OFF. SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL SUBSEQUENT REPORT OF ABANDONMENT. NOTICE OF INTENTION TO SHOOT OR ACIDIZE... NOTICE OF INTENTION TO PULL OR ALTER CASING SUPPLEMENTARY WELL HISTORY..... NOTICE OF INTENTION TO ABANDON WELL..... (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA) November 2 19.53 Well No. 31 is located 660 ft. from |S| line and 1980 ft. from |E| line of sec. 22 Utah Fintah (County or Subdivision) (State or Territory) The elevation and the state of the state above sea level is 5590 ft. OL Est. DETAILS OF WORK cted depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cement-ing points, and all other important proposed work) It is proposed to drill a test for eil for completion in the Green River Formation. Proposed Casing Program: 10-3/4" OD Surface casing at 400', cemented to surface. 7" OD. 23#, J-55 oil string through Green River Zone at 5705'. Estimated depth with sufficient cement to exclude all potential oil or gas some. Estimated formation tops: Green River - 2840' (\$2750) (APPROVAL IS CONDITIONAL UPON COMPLIANCE WITH THE TERMS ATTACHED HERETO) I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. The California Co. Company P. O. Box 455 Address

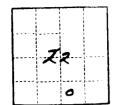
Vernal, Utah

 $\mathbf{B}_{\mathbf{y}}$

Field Supt.

Title

Form 9-881 a (Feb. 1961)



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

UMICHIAL FORWARDED TO CASPER

Salt Lake City Land Office

11-081

Unit

DEC1 8 1953

SUNDRY NOTICES AND REPORTS ON

NOTICE OF INTENTION TO DRILL NOTICE OF INTENTION TO CHANGE PLANS NOTICE OF INTENTION TO TEST WATER SHUT-OFF NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL NOTICE OF INTENTION TO SHOOT OR ACIDIZE NOTICE OF INTENTION TO PULL OR ALTER CASING NOTICE OF INTENTION TO ABANDON WELL

SUBSEQUENT REPORT OF WATER SHUT-OFF SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING SUBSEQUENT REPORT OF ALTERING CASING SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR SUBSPOUENT REPORT OF ABANDONMENT SUPPLEMENTARY WELL HISTORY

Subsequent Report of Running 10-3/4 X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah

December 16

19 53

31 is located Well No.

660 ft. from S line and 1980 ft. from line of sec.

SW Sec 22 (14 Sec. and Sec. No.)

78 (Two)

23E (Range)

SLBM (M. retina)

zwiyariyaaxxx Red Wash

Uintah (County or Subdivision)

Utah Atale of Territo

The elevation of the derrick floor above sea level is 5610.2 ft. KB (Zero)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Ran 13 jts. 10-3/4" OD, 40.5#, J-55, ST&C New Smless Youngstown and Hational cag. to 397' and cemented with 160 sacks Ideal cement containing 8% Gel. Howco process top and bottom. Halliburton float shoe and baffle collar 2 jts. (63.191) apart. Ran 3 Howco centralisers at 392', 300' and 200'.

ompany	The California Company		
ddress	P. n. Box 455		
	Vernal, Utah	Ву	F. L. WERLY yes
DEC 2.1	3	Title	Field Supt.

Porm 6-861a (Feb. 1861)

I

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-061

Unit Red Wash

JAN 27 1954

100

SUNDRY NOTICES AND REPORTS ON WELLS

SUBSEQUENT REPORT OF WATER SHUT-OFF ...
SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
SUBSEQUENT REPORT OF ALTERING CASING.
SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
SUBSEQUENT REPORT OF ABANDONMENT
SUPPLEMENTARY WELL HISTORY.

(INDICATE / BOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

					Vermal	, Uta	st t	Janu	ry ?	ל .	 •	19.34
Well No	31	is located	660	ft. fron	$n = { \begin{bmatrix} \mathbf{X} \\ \mathbf{S} \end{bmatrix}}$ line	and	1980	.ft.from		ine of	sec.	22
SW 2 SEZ	Sec. 22		T78 (Twp.)		R23E (Range)		SI (Mer	BMS idian)	-			
	(Field)			(County	or Subdivision)			(8	tate or Te	erritory)		

The elevation with the decide floor above sea level is 5610-2 ft. KB (Zero)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

After well is drilled and cored to 5720', Schlumberger Electric log will be run from surface pipe to TD. Zenes of doubtful fluid centent will be drill stem tested. 7" OD (2.2 cu. 1-55 Demostic and Foreign casing will be run to 5720' and commented with 300 (2.2 cu. 15.1) sacks strate crete cement followed by 125 sacks Ideal common cement. Casing will be tested to 1500 psi. Cement will be drilled out to necessary depth. Gamma-Ray and Neutron logs will be run. Some of the fellowing intervals will be perforated with 3 jets and 3 beliete per fts 5381-5388, 5451-5462, 5482-5490, 5000-5515, 5574-5583, 5614-5616, and 5633-5651. The intervals perforated will be sand-oil equeesed with 2 bbls. No. 5 burner fuel mixed with 1 lb. sand/gal. per ft. of interval perforated. Tubing will be run and well placed on preduction.

Company	The California Co.		2
	P. O. Box 455		
	Vernal, Utah	By F. L. MERR	X Z
ApprovedJAN	y s voyanment Printing	Title & 42 -44	€.

Budget Bureau 42- R368 3. Approval expires 12-81-86. Salt Labo City Land Office . (SUBMIT IN TRIPLICATE) UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY UMICIAL FORWARDED TO CASPER I SUNDRY NOTICES AND REPORTS ON SUBSEQUENT REPORT OF WATER SHUT-OFF NOTICE OF INTENTION TO DRILL SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING NOTICE OF INTENTION TO CHANGE PLANS..... SUBSEQUENT REPORT OF ALTERING CASING. NOTICE OF INTENTION TO TEST WATER SHUT-OFF..... SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL SUBSEQUENT REPORT OF ABANDONMENT..... NOTICE OF INTENTION TO SHOOT OR ACIDIZE SUPPLEMENTARY WELL HISTORY..... NOTICE OF INTENTION TO PULL OR ALTER CASING...... I Subsequent Report of DET #1 NOTICE OF INTENTION TO ABANDON WELL (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA) Bernal, Utah Jamary 88 1954 Well No. 31 is located 660 ft. from $\begin{bmatrix} \mathbf{X} \\ \mathbf{S} \end{bmatrix}$ line and 1980 ft. from $\begin{bmatrix} \mathbf{E} \\ \mathbf{W} \end{bmatrix}$ line of sec. 22 The elevation and the descriptions above sea level is 5610.2 ft. KB (Zero) DETAILS OF WORK (State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comenting points, and all other important proposed work) HET No. 1 - Stradele test set a Howce 7-3/4" packer at 5568', a 8" packer at 5577', a 7-3/4" packer at 5596. Tested interval 5577-5596'. No BHC, no W.C. Tool open 12 hours shut in 30 minutes. Opened with weak blow, gradually increasing to good blow after 45 minutes. Steady thereafter. No gas to surface. No pressure at surface. Recovered 20' cdl, 320' med out water. Bomb pressures: SI BHP HH PF BHP IP BHP 1625 28h0 145 Opper Bi 2920 180 1975 2900 1875 Blanked off I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. Company The California Co. Address P. O. Bost 455 By F1. L. HERRY WAZ Vernal, Utah Title Field Supt.

and Endineer //

Form 9-861 a (Feb. 1961)

(SUBMIT IN TRIPLICATE)

UNITED STATES

Land Office Salt Lake City

Lease No. UniCED

SUNDRY	NOTICES AN		ON WELLS
ICE OF INTENTION TO DRILL ICE OF INTENTION TO CHANGE MATERIAL OF INTENTION TO TEST WATERIAL OF INTENTION TO SHOOT OR ICE OF INTENTION TO PULL OR ATTICE OF INTENTION TO ABANDON	ANS	SUBSEQUENT REPORT OF A SUBSEQUENT REPORT OF R SUBSEQUENT REPORT OF A	TOOTING OR ACIDIZING TERING CASING E-DRILLING OR REPAIR BANDONMENT TORY
(INDICA		TURE OF REPORT, NOTICE, OR	
	_	Vernal, Utah	January 28 , 195
No. 33 is loca			
	ted 660 ft. from	\big \line and \big 1980	t. from $\left\{ \begin{array}{c} \mathbf{E} \\ \mathbf{Y} \end{array} \right\}$ line of sec. 22
SR Sec. 22 (34 Sec. and Sec. No.)	ted	\begin{cases} \b	t. from $\left\{ \begin{array}{c} \mathbf{E} \\ \mathbf{W} \end{array} \right\}$ line of sec. 22
SR Sec. 22 () Sec. and Sec. No.) Red. Knoh. (Field)	ted 660 ft. from. (Twp.) (E	Signature Signat	t. from E line of sec. 22 Man) (State or Territory)
(b) See and See No.) Red Wash (Field)	78 (Twp.) (County or	S line and 1980 (Merid Merid M	t. from E line of sec. 22 Man) (State or Territory)

and hours No pressure at surface. Gas burned with orange flame ? ?*. long. Recovered 100 ft. slightly gas out drilling mid. Bomb pressures:

	IF BHP	FF BHP	al prib	HH
Upper BT	20	205	370	28 40
Lower BT	25	255	430	2 92 0
Blanked off PRD	2100	2100	2100	28 50

nked off PRD	2100	2300			
I understand that this plan of w	ork must receive a	pproval in writing b	y the Geological Survey	before operations may b	e commenced.
Company The Calif	orma Co.			and the second	
Address P. O. Box	L155		∞. •	WORK NUM	H = 1
Vernel,	teb		By	. HERRY MYDY	
Approved 27.54			Title Fiel	d, Supt.	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
District Se vinces		ų. s. government printind	office \$6-6457-5		

STANDARD OIL COMPANY OF CALIFORNIA

Red Wash FIELDa

Section 22B PROPERTY:

WELL NO: 34-22B(31) Sec 22 T 7S R 23E SL B & M.

Following is complete and correct record of all work done on the well since the previous record dated February 2. 1954:

PURPOSE OF WORK. To perforate to expose additional zones and sand oil squeeze for greater productivity.

February 26, 1959 DATE OF REPORT:

WORK DONE BY: RER Well Service

August 13, 1958 COMMENCED OPERATIONS:

COMPLETED OPERATIONS: August 27, 1958

DATE WELL LAST PRODUCED: August 13, 1958

DATE RETURNED TO PRODUCTION: August 27, 1958

PRODUCTION:		PRIOR TO WORK	AFTER WORK
Cil		83 B/D . 0 B/D . 187 Mcf/D 29.2 API . 100 PSIG . 130 PSIG .	323 B/D 4 B/D 383 Mcf/D 29.2 °API 275 PSIG 475 PSIG
Method of Production:	Pumping	**************************************	
	Flowing	econocionativamini estatori es	

SUMMARY

Total Depth: 5720'

Effective Depth: 5665

10 3/40, 40.5, J-55, BRD THD cemented 397.44. Casing:

7", 23#, J-55 cemented 5719.81°

Perforated with 8 - 1/2" bullets holes per foot: 5382-5390', 5396-5400',

5411-5415, 5424-5428.

Perforated with 3 jets and 4 bullets per foot: 5442-5464, 5476-5493, 5496-5506, 5510-5530, 5611-5617, 5632-5656.

Tubing:	13.70	K. B. to tubing head
and the second s	,91	Boll Weevil Hanger
	5456.93	183 jts 2½" EUE tubing
	28.92	22" slotted gas anchor
	10.00	2 To EUE tubing
	1.09	Axelson / 45 PSN
	5511.55	Tubing landed

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POET T)	n 9-1 ob. 19	181 a 51)	
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(SUBMIT IN TRIPLICATE)

Land Office

Lease No

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	د
SUBSEQUENT REPORT OF ABANDONMENT.	
Supplementary Well History Subsequent Report of Completion	
OF OR OTHER DATA)	
	SUBSEQUENT REPORT OF ALTERING CASING SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR SUBSEQUENT REPORT OF ABANDONMENT. SUPPLEMENTARY WELL HISTORY Subsequent Report of Completion

ft. from $\frac{N}{|S|}$ line and $\frac{E}{|W|}$ line of sec. Well No. 31 Moradian) (Range) (State or Torrstory) (Field)

The elevation of the derrick floor above sea level is

DETAILS OF WORK

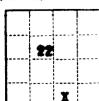
(State names of and expected depths to objective sands; show sixes, weights, and lengths of proposed casings; indicate mudding jobs, concenting points, and all other important proposed work)

5 bbls. #5 burner fuel. Pressure 1400 psi. Squeezed 48 bbls. #5 burner fueld containing 1 lb. sand/gal. at avg. injection rate 3.70 bbls/min. Pressures 1300 psi to 2050 psi. Flushed sand-oil away with 30 bbls. Rangely crude. Pressure 2050 psi to 2200 psi. Set Howco HM straddle packer at 5467 and 5532 and sand-oil squeezed the perforated intervals 5476-5493, 5496-5506 and 5510-5530 using 3 Howco trucks as follows: Supposed 10 bbis. Langely crude fallewed by 5 bbls. #5 burner fuel. Formation broke down from 4000 psi to 2400 psi. squeesed % bble. 5 burner fuel centaining 1 lb. sand/gal. at avg. Injection rate of 4.30 bbls/min Pressures 2600 psi to 2200 psi. Flushed sand-oil away with 30 bbls. hangely cride. Press. 220) pai to 2250 pai. Set Howco HM straddle packer at 5402 and 5466 and sand-oil squeezed the perforated interval 5442-5464 using 3 Howeo trucks as follows: Oneezed 10 bbls. Hangely erude fellowed by 5 bbls. #5 burner fuel. Formation broke down from 3300 psi to 2100 psi. Squessed bh bbls. #5 burner fuel containing 1 1b. sand/gal, at svg 103, rate of 3.66 bbl/min Pressure 2200 psi to 2500 psi. Flushed sand-oil away with 30 bbls. Rangely crude. Pressure

I understand that this plan of work must receive approval in writing by the Coolegical Survey before on the plan of work must receive approval in writing by the Coolegical Survey before on the plan of work must receive approval in writing by the Coolegical Survey before on the plan of work must receive approval in writing by the Coolegical Survey before on the plan of work must receive approval in writing by the Coolegical Survey before on the plan of work must receive approval in writing by the Coolegical Survey before on the plan of work must receive approval in writing by the Coolegical Survey before on the plan of work must receive approval in writing by the Coolegical Survey before on the plan of work must receive approval in writing by the Coolegical Survey before on the plan of work must receive approval in writing by the Coolegical Survey before on the plan of work must receive approval in writing by the Coolegical Survey before on the plan of work must receive approval in writing by the Coolegical Survey before on the plan of work must receive approval in writing by the Coolegical Survey before on the plan of work must receive approval in writing by the Coolegical Survey before on the plan of work must receive approval in writing by the Coolegical Survey before on the plan of work must receive approval in writing by the Coolegical Survey before on the plan of work must receive approval in writing by the Coolegical Survey before on the plan of work must receive approval in writing by the Coolegical Survey before on the plan of work must be plan of work must receive approval in writing by the Coolegical Survey before on the plan of work must be p Company

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Form 9-881a (Feb. 1961)



(SUBMIT IN TRIPLICATE) UNITED STATES

DEPARTMENT OF THE INTERIOR

Land Office Salt Lake City

.... No. U-061

....

Unit

Red Bash

GEOLOGICAL SURVEY

Ontological survey

1 118151954

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING.	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL.	Subsequent Report of Completion

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

	Vernal, Utah	February 11 , 1954
Well Nois located	860 . ft. from. (S) line and 13	of the from E line of sec. 22
882 SE2 Reg. 22 (% Sec. and Sec. No.)	78 23E (Twp.) (Range)	SLBA Meridian)
Red Hash (Field)	(County or Subdivision)	(State or Territory)

The elevation above sea level is 610.2 ft. KB (Zero)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs. comenting points, and all other important proposed work)

Page 1 of 2

Rem 97 jts. 78 OD 234, Je55 3rd thd. LT&C Rgs 3, Youngstown, 1 jt. 78 OD 234 J-55 ird thd.

LT&C Rgs 1 Domestis, 2 jts. 78 OD 234, J-55 3rd thd Rgs 2 & 3 French, 59 jts. 78 OD 234 J-55

3rd thd. ST&C Rgs 1 Japanese, 1 jt. 78 OD 234 J-55 3rd thd. ST&C Rgs 2 Domestic, 1 jt. 78 OD

234 J-55 3rd thd. Rgs 3 LT&C Youngstown casing to 5720* and commented with 300 (2.2cu. ft.)

235 3rd thd. Rgs 3 LT&C Youngstown casing to 5720* and commented with 300 (2.2cu. ft.)

236 3rate-Crete (k8; Perlite, k8; comment k; Oel) followed by 125 sacks Ideal common comment

18600 process top and bottom plugs. Ran Baker fillup shoe & fillup collar 2 jts. (86.00*)

236 3rate-Crete (k8; Perlite, k8; comment k; Oel) followed by 125 sacks Ideal common comment

18600 process top and bottom plugs. Ran Baker fillup shoe & fillup collar 2 jts. (86.00*)

237 3part. Ran 10 Baker Model *6* contralisers at 571k, 5665, 5615, 5565, 5515, 5465, 5415, 5365

238 3rate-Crete (k8; Perlite, k8; comment k; Oel) followed by 125 sacks Ideal common comment

238 3rate-Crete (k8; Perlite, k8; comment k; Oel) followed by 125 sacks Ideal common comment

249 3rate-Crete (k8; Perlite, k8; comment k; Oel) followed by 125 sacks Ideal common comment

250 3rate-Crete (k8; Perlite, k8; comment k; Oel) followed by 125 sacks Ideal common comment

250 3rate-Crete (k8; Perlite, k8; comment k; Oel) followed by 125 sacks Ideal common comment

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250 3rate-Crete (k8; Perlite, k8; comment k; Oel) followed by 125 sacks Ideal common comment

250 3rate-Crete (k8; Perlite, k9; Oel) followed by 125 sacks Ideal com

Company The California Company		
Address P. O. Box 455		
Vernal, Utah	By F. L. MERRY	
Approved Fig. 1	Title Field Supt.	-
(Oxio 132 10 C COVID OFFICE	ce 16 8437· 5	

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The second second	2 a25511.11, 961 11	ר	rools u	SED				
tary tools wer	e used from	p feet	to 5726) Poet. n	nd for u	. feet	to	ferri
ble tools were	used from	feet			at tom	feet	to .	feet
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December 13			4			uary 1		
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Rock pressu	ire, lbs. per sq		ENADL (NE)	C T C				
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5672	5 72 0	Core #6	Re	ec•to, o≩	'SS. 5'00	quina 271%	udst. A	('01a)*
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OFFICE Salt Lake City Stervi Niegicke - **U-081** H. ANTENENT OF THE HITERIOR DEC 2 0 1954 LOG OF OIL OR GAS WELL P. O. Box 455 Field Red tash State Dish County Vintab ... 5 was a 1960 : W of R Date of Sec. 22 Elevation 5610.2 ID AP and all work done thereon P. L. MERRY /#

. . . . , 19.**54**...

5530

5617

5656

(0)

to .

CASING RECORD

Make Amount | Kind of shot | Cut and pulled from Perforated Lift Charles and the Control of the Control

MUDDING AND CEMENTING RECORD

No. 4, from

Address

Title Area Supt

53 and find drilling January 21

5510

5611

5632

PLUGS AND ADAPTERS

Heaving plug -Material Length Adapters -- Material

Depth set

SHOOTING RECORD

Explosive used

1.

. 22 Г75 R 23E Meridian SIB

بنكهنز

5493

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5506

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OR OR CAS SANDS OR ZONES

MPORTAN A WATER SANDS

The California Company

December 10,

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Jecamber 13, 195h

June

A. K.

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tionad per incr.

No. 1, from 5584

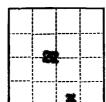
No. 2, from

Quantity

Date Occite dio

GPO 9 18 50 7

Form 9-331 a (Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land Office Balt Lake City
Lease No. U-081
Unit Rad Vast

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		CURSEOUENT DE	PORT OF WATER SHU	IT.OFF
NOTICE OF INTENTION TO CHANGE F	PLANS	1		OR ACIDIZING
NOTICE OF INTENTION TO TEST WAT		1		CASING
NOTICE OF INTENTION TO RE-DRILL	İ	SUBSEQUENT REI	ORT OF RE-DRILLING	G OR REPAIR
NOTICE OF INTENTION TO SHOOT OF	1	SUBSEQUENT RE	ORT OF ABANDONMI	ENT
NOTICE OF INTENTION TO PULL OR	ALTER CASING		WELL HISTORY	
NOTICE OF INTENTION TO ABANDON	WELL			
(INDICA	ATE ABOVE BY CHECK MARK	NATURE OF REPORT, NO	OTICE, OR OTHER DAT	ingunt 7,,
Well No	ted 660 ft. from	(D)	980 ft. from	E line of sec.
Red Vash	Mintah		Thah	
(Field)	(35411-5	or Subdivision)	\-	ate or Territory)
ą	o objective sands; show size	other important propos	ed work)	. *
5093-76, Subla-12. 2. Set retrievable bold. 3. Our perferate with Shoo-5396, 5390-8. 4. Sand oil squeeze to Retrieve bridge pl	o objective sands; show size ing points, and all of perforations 56 ridge plug at 5 h four 1/2" hold the above perforations.	es, weights, and length ther important proposes 56-32, 5617-3 1351. Es per foot to retions.	1, 5530-10, he interval	5506-51.96
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PROPERTY: Section 22B

RED WASH UNIT

PROGRAM

- 1. Fig up workever rig, pump in 300 bbls of Rangely crude. Leave pumping unit pumping while displacing.
- 2. Full rods. Pump soluble plug down tubing with burner fuel and continue displacing Rangely curde to flow line with 250 bbls burner fuel.
- 3. Rig up BOPE and pull tubing.
- 4. Run in with mill shoe on tubing and backscuttle paraffin. Clean out to effective depth of 5665. Pull out.
- 5. Sand oil squeeze perforations 5442-5464, 5476-5493, 5496-5506, 5510-5530, 5611-5617, 5632-5656, down the casing using 480 bbls burner fuel mixed with 30,000# 20-40 Ottawa sand (1½#/gal), and 1,000# Adomite (.05#/gal). Use 550 neoprene-nylon balls in five 110 ball batches after each 80 bbls of sand oil mix. Displace sand oil mixture with 215 bbls of burner fuel. (Do not exceed 2800 psi).
- 6. Clean out to bottom using mill shoe. Backscuttle and save nylon balls.
- 7. Set Baker Retrievable Bridge Plug at 5435. Pressure test to 1200 psi with rig pump.
- 8. Gun perforate the following intervals with $\mu = 1/2$ " bullet holes/foot: 5382-5390', 5396-5400', 5411-5415', and 5424-5428'.
- 9. Sand oil squeeze the above perforations using 100 bbls burner fuel mixed with 6,300# 20-40 Ottawa sand (12#/gal), and 200# Adomite (.05#/gal). Use one 30 ball batch of neoprene-nylon balls after pumping 50 bbls of sand oil mix. Displace sand oil mixture with 210 bbls of burner fuel. (Do not exceed 2800 psi.)
- 10. Backsouttle clean to top of retrievable bridge plug. Retrieve bridge plug.
- 11. Re-run tubing and hang with PSN at 5471.
- 12. Re-run rods and place on production.

WORK DONE

August 13, 1958

R&R Well Service moved on location.

August 14, 1958

Started operations.

Pumped 100 bbls of Rangely crude down casing and could not pump any more. Went to 1000 lbs pressure. Could not circulate through tubing or annulus. Could not pump any fluid down annulus with rig pump so tried Dowell TP pumper. Put 3000 psi on annulus but no fluid went away. Made another attempt to unseat pump and pump down tubing. Able to pump down tubing at about 700 psi. Killed well with Rangely crude and then pumped approximatel 150 bbls burner fuel down tubing and away into formation.

WELL NO.: Red Wash Unit 34-22B(31)

PROPERTY: Section 22B

RED WASH UNIT

August 15, 1958

Pull production string of rods.

Pumped 50 bols of burner fuel down tubing.

Installed BOPE.

Pulled on tubing.

Tubing stuck in parrifin bridge. Pulled on tubing with 80,000 lbs strain.

August 17, 1958

Finished pulling tabing. Well blew through casing. Put on mill shoe and tagged parrifin bridge at 1800. Drilled to 1890 getting back returns of heavy parrifin.

August 18, 1958

Drilled on parrifin bridge from 1890-2400' getting returns heavy parrifin. Had trouble with kelly plugging.

August 19, 1958

Drilled on parrifin bridge from 2400° to 3150' getting returns of heavy parrifin.

August 20, 1958

Drilled on parrifin bridge from 3150' to 3680' bottom of bridge.

Tagged fillup at 5054. Cleaned out to 5665°.

August 21, 1958

Installed Bowden Head. Sand oil squeezed by Braden Head method perforated intervals 5442-5464, 5476-5493, 5496-55061, 5510-55301, 5611-56171, 5632-56561, using 3 Dowell Allison pumpers. Squeezed with 480 bbls burner fuel mixed with 30,000 lbs (12#/gal) 20-40 Ottawa sand and 1000 lbs Adomite (.05#/gal). Brokedown formation with 29 bbls oil at 1900 psi. Started sand in at 2000 psi and pumped sand oil slurry 14 minutes. Injected 5 batches of 110 neoprene-nyloballs after each 80 bbls. Flushed casing with 215 bbls burner fuel. Squeezing rate 32 BPM. Maximum pressure 1950 psi at end and flush. Minimum pressure 1600 psi. Tagged fillup at 5638; to 5665; (27; of fill). Set Baker Retrievable Bridge Plug at 5435.

August 22, 1958

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On August 21, 1958 ran Baker Retrievable Bridge Plug to 5435: on tubing and set. On August 22, 1958 McGullough went in hole to perforate and found bridge plug 49° high at 5385 . Palled out of hole and ran in with Baker Setting Nipple on tubing. Picked upplug and reset at 5433. Required 10,000# weight to move plug down hole. Tested casing to 1200 psi.

McCullough rigged up to perforate. Ran in with gun and using Sonic Collar Locator. Checked casing collars 2' higher than McCullough Gamma Collar Loactor Log. Gamma log correlated 2 high with Schlumberger Electric Log so skot all holes at indicated depth 4' higher than Schlumberger measurements. Gun perforated with 4 - 1/2" bullets per

WELL NO.: Red Wash Unit 34-22B(31)

PROPERTY: Section 22B

RED WASH UNIT

foot the following intervals: 5382-5390', 5396-5400', 5411-5415', 5424-5428' all Schlumberger measurements.

August 23, 1958

Installed Braden Head

Attempted sand oil squeeze using Dowell equipment and Braden Head method. Could not et breakdown through new perforations. Made four attempts to 2800 psi with out effect. concluded that bullets and not penetrated pipe and/or formation. Released Dowell and R&R crew until 7:00 AM, August 24, 1958. Waiting on EJ Service.

August 24, 1958

Gun perforated using BJ Service Inc. four ½" holes per foot in the following intervals: 5382-5390°, 5396-5400°, 5411-5415°, 5424-5428° (Schlumberger measurements). Checked all collars 4° higher than McCullough Collar Locator Log so shot holes at indicated depth 6° higher than Schlumberger Log.

August 25, 1958

Sand oil squeezed by Braden Head method perforated intervals 5382-5390', 5396-5400', 5411-5415', 5424-5428' using 3 Dowell Allison pumpers. Squeezed with 60 bbls burner fuel cut with 30% Rangely crude mixed with 3300 lbs (12#/gal) 20-40 Ottawa sand and 120 lbs Adomite. Before fracing circulated burner fuel out of hole with 30% Rangely crude cut burner fuel and got breakdown through tubing at 2600 psi. Pumped wil at 2700 psi and 4 BPM rate. Four hours later started sand oil squeeze as follows: Breakdown 2050 psi. Started sand cil slurry 2300 psi and dropped 30 balls after 50 bbls sand oil slurry. Pumped remainder of sand (About 3000 lbs then balls hit perforations and pressure went to 2800 psi. Stopped pumping. Just before all sand had been pumped in well head leaked so shut down 5 minutes to lighten. After balls hit bled off 4 times and repressured but b balls did not unseat. Average injection rate 25 BPM. Ran in nole and found fill up at 5352°, 83° above where retrievable bridge plug should have been.

August 26, 1958

Drilled on fill to 5\(\frac{1}{1}\)? and could not make any more progress. At approximately 5\(\frac{1}{1}\)!. Kelly jumped as though drilling on bullets and/or burrs. Drilled at 5\(\frac{1}{1}\)ll about 1 hours. pulled up and then set down. Took weight at 5\(\frac{1}{0}\)O and 5390. Fulled out of hole and found bridge plug fishing neck stuck in mill shoe sub. Bridge plug as 13' high. Probable explaination is that while running in open end tubing on August 25, 1958 to change hole fluid the tubing measurements were in error and tubing engaged fishing neck long enough to pull up hole. This being the case the perforations 5\(\frac{1}{2}\)!—5\(\frac{1}{2}\)8' have not been squeezed. Bottom joint of tubing above mill shoe was polished and scratched. Ran tubing production String.

August 27, 1958

Ran rods and pump. Rig moved out.

mult lake City

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Form 9-331 a (Feb. 1951)

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(SUBMIT IN TRIPLICATE)

UNITED STATES MENT OF THE INTERIOR Unit

DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO DRILL.		SUBSEQUENT REPO	ORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE	E PLANS	SUBSEQUENT REPO	RT OF SHOOTING OR ACIDI	ZING
OTICE OF INTENTION TO TEST W	ATER SHUT-OFF	SUBSEQUENT REPO	RT OF ALTERING CASING	
OTICE OF INTENTION TO RE-DRIL	LL OR REPAIR WELL	SUBSEQUENT REPO	RT OF RE-DRILLING OR RE	PAIR
we		RT OF ABANDONMENT	ABANDONMENT	
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OTICE OF INTENTION TO ABANDO	ON WELL			
(INDI	CATE ABOVE BY CHECK MARK	NATURE OF REPORT, NOT	ICE, OR OTHER DATA)	 , 19.
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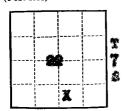
I underst	and that this plan of work must receive approval in	writing by the Geological Survey before operations may be com	menced.
Company	California Gil Company, We	etern Division Colos	/ c
	P. O. Box 455	Citate Stration Citate R. W.	PATTERSON
	Vermal, Vtak	By RATIONAL	
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Form 9-331 a (Feb. 1951)

(SUBMIT IN TRIPLICATE)

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UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTIO	N TO DRILL		EPORT OF WATER SHUT-OFF	
	N TO CHANGE PLANS		EPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION	ON TO TEST WATER SHUT-OFF	1 1	EPORT OF ALTERING CASING	<u>2</u>
	ON TO RE-DRILL OR REPAIR WELL	1 11	EPORT OF RE-DRILLING OR REPAIR	
	N TO SHOOT OR ACIDIZE		EPORT OF ABANDONMENT	
	ON TO PULL OR ALTER CASING	1 11	RY WELL HISTORY	
NOTICE OF INTENTIC	ON TO ABANDON WELL			
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rm 9-331 (ay 1963) DEP	UNITL STATES PARTMENT OF THE INTER GEOLOGICAL SURVEY	SUBMIT IN TRIPLICA (Other instructions on re-	5. LEASE DESIGNATION	u No. 42-R142
SUNDRY (Do not use this form fo	NOTICES AND REPORTS r proposals to drill or to deepen or plug APPLICATION FOR PERMIT—" for such 1	ON WELLS back to a different reservoir.	6. IF INDIAN, ALLOTTEE	OR TRIBE NAM
OIL GAS WELL O	THER		7. UNIT AGREEMENT NA	ME
Chevron O11 Comp	oeny, Western Division		8. FARM OR LEASE NAM	6
	Vernal, Utah 84078		9. WELL NO.	0.0ml
LOCATION OF WELL (Report loc See also space 17 below.) At surface	cation clearly and in accordance with any	7 State requirements.*	Unit #31 (34-	WILDCAT
660' FSL and 198	30' FEL of Sec. 22, T75,	R23E, SLEM	Sec., 7., 8., M., OR B SURVEY OR ABBA	
PERMIT NO.	15. ELEVATIONS (Show whether DE	F, RT, GR, etc.)	Sec. 22. T7S.	13. STATE
	KB - 5610		Vintah	Utah
Che	ck Appropriate Box To Indicate N	Nature of Notice Report of C	Other Data	
	F INTENTION TO:		ENT REPORT OF:	
SHOOT OR ACIDIZE REPAIR WELL (Other) Expose Add 1	MULTIPLE COMPLETE ABANDON* CHANGE PLANS Sand & The Frac X	FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) (NOTE: Report results	ALTERING CA ABANDONMEN	T*
It is proposed t 1. Perforate th LB (5589-559 2. RIH w/ pkr. W/ RC. If b 3. Straddle LB If water pro 4. If swab test Circulate do	TED OPERATIONS (Clearly state all pertinen directionally drilled, give subsurface local to expose additional sand as Kp (5497-5505), (5509-2') w/ 2 deep penetrating RBP and CL. Selectively reakdown indicates tight perfs 5589-5592 and swab ductive, exclude w/ cemeing indicates oil capacium and retrieve RBP.	and tubing frac subjections in the subjection of the	including estimated date depths for all markers ect well as follow, L (5543-5548) own all perfs in der fracturing some is water	of starting an and zones pert lows: and and productive
It is proposed t 1. Perforate th LB (5589-559) 2. RIH w/ pkr, w/ RC. If b 3. Straddle LB If water pro 4. If swab test Circulate do 5. RIH w/ produce	TED OPERATIONS (Clearly state all pertinent directionally drilled, give subsurface local continuous and continuous and continuous and continuous and continuous and correct some continuous and correc	and tubing frac subjections and tubing frac subjections and tubing frac subjections and tubing frac subjections and (5523-5530') g jets/ft. pump into and breakder formations then considers to determine if int. ty, tubing frac perfs in pump and rods.	pate	of starting an and zones perticular to the starting and zones perticular to the start

Form 9-331

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SUBMIT IN TRIALICATE*

Form approved. Budget Bureau No. 42-R1424.

DEI	PARTMENT OF THE INTER	IOR verse side)	5. LEASE DESIGNATION	AND SERVAL NO.
	GEOLOGICAL SURVEY		6. IF INDIAN, ALLOTTER	OR TRIBE NAME
	NOTICES AND REPORTS (or proposal to drill or to deepen or plug	hack to a different reservoir.	O. IF INDIAN, ADDOTTED	
Use "	APPLICATION FOR PERMIT—" for such r	proposais.)	7. UNIT AGREEMENT NA	ME S
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WELL GAS WELL	OTHER		8. FARM OR LEASE NAM	CIC C
2. NAME OF OPERATOR				្នៃម៉ីនស្តេ <u>ា</u>
Chevron Oil Com	pany, Western Division		9. WELL NO.	
3. ADDRESS OF OPERATOR			19-1- 413 /2/	
P. O. Box 455.	Vernal, Utah 84078 location clearly and in accordance with any	State requirements.*	10. FIELD AND POOL, 0	R WHIDCAT
See also space 17 below.	docation clearly and in accordance with any		1 3.6	
At surface			11. SEC., T., R., M., OR I	ELK. AND
		a de meros en trad	SURVEY OR AREA	
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14, PERMIT NO.			Uintab	Brah
	KB - 5610'		* 7	
16. C	heck Appropriate Box To Indicate	Nature of Notice, Report, or	Other Data	
	OF INTENTION TO:		QUENT REPORT OF	
		WATER SHUT-OFF	REBAIRING	WELL
TEST WATER SHUT-OFF	PULL OR ALTER CASING	FRACTURE TREATMENT	ALTERING C	ASING
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SHOOT OR ACIDIZE	ABANDON*	(Other) Expose Ad	dl Sand	X
REPAIR WELL	CHANGE PLANS	(Nonn . Donort room)	its of multiple completion appletion Report and Log for	on Well
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communicate	ed. Acidized perfs 5523-3	30, 5509-15 and 5505-	5497' %/ 25 0 ga	is 15% HCI.
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Prior Production Production After		BWPD 12 BWPD	통하게 B.V. 음향 호기관 기술 기용 등 1	
18. I hereby certification the	7 X S C 7 4			
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CONDITIONS OF APPRO	OVAL, IF ANY:			144

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DEPARTMENT OF THE INTERIOR verse sides. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or pluty back to a different reservoir. Out			IITED STATE	ES	SUBMIT IN ' LICATE	Rudget Ruren	d. u No. 42-R1424.
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SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plut pack to a different reservoir. Observed Company r					U-081		
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Out	\	DDV 1071	CEC AND DED	AC STO	WELLC	6. IF INDIAN, ALLOTTEE	OR TRIBE NAME
ORL WILL SO OTHER WILL SO OTHER Chevron Oil Company - Western Division S. Address of Other States Chevron Oil Company - Western Division S. Address of Other States P. O. Box 599 Denver, Colorado 80201 L. LOCATION OF WELL (Report location clearly and in accordance with any State requirements." Bee also space 17 below.) L. Division Of Well (Report location clearly and in accordance with any State requirements." Bee also space 17 below.) L. Permit NO. IS. BLEVATIONS (Show whether DF, RT, GR, etc.) KB 5610 II. SC. T. R. M. ON BLE. AND L. COUNTS OR PARKER BEET-OFF FRACTORE TREAT BROOT OR ACIDISM REPAIRS WELL COLOR TREAT BROOT OR ACIDISM REPAIRS WELL COLOR TREAT BROOT OR ACIDISM CHANGE PLANS COLOR TREATMENT ALTERISTO CABLIFICATION ARADOATMENT ALLEY ALTERISTO CABLIFICATION ARADOATMENT ALLEY ALTERISTO CABLIFICATION ARADOATMENT ALLEY ALTERISTO CABLIFICATION CORP. Experiment dates, including estimated date of starting proceed work. If the well is directionally drilled, give subsurface locations and measured and true vertical depths for all tarkers and consession and measured and true vertical depths for all tarkers and consession and measured and true vertical depths for all tarkers and consession and measured and true vertical depths for all tarkers and conses	SUN	DRY NOI	CES AND REP	ORIS ON	WELLS		
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4. RIH w/production tubing and land near original depth.

USGS 3 STATE 2 PARTNETES 4 FIECD 1 FILE 1

SIGNED SIGNED	TITLE	J. W. GREER Division Drlg. Supt.	DATE	1-9-74
(This space for Federal or State office use)				
APPROVED BY	TITLE	·	DATE	

	UNITED STATES	SUBMIT IN TRIPLIC		Form appro	oved. reau No. 42-R1424
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Use "APPLICA	ATION FOR PERMIT—" for such	proposals.)			
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3. ADDRESS OF OPERATOR	western Division			3643	9 1 1 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
P. O. Box 599	Denver, Colorado	80201	9.	Unit 31 (34	-22B) 3
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NOTICE OF INTENT	FION TO:	80	Beequant	REPORT OF 2	
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2. Perforated the fol 5382-90, 5396-5401	lowing zones w/2 je . s: <u>Interval</u> Amt 5632-56 5475-5530	ets/ft. 5576-81, 5 15% HCl Rate 720 gal 1 BPM	583-89 Pres 0	trouid, 184 round breads 185 - 80 arg 184 round breads 184 round breads 184 round 184	ni dictions arrollal substancial dictions of will dictions of the dictions of the dictions of the
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		Form approved. Budget Bureau No. 1004-0135
Form 3160-5 UNITE STATE	S SUBMIT IN TRIPLICATE (Other Instructions on re-	Expires August 31, 1985 5. LEASE DESIGNATION AND SERIAL NO.
November 1983) Formerly 9-331) DEPARTMENT OF THE	NIERIOR verse side)	U-081
BUREAU OF LAND MANA		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REP	ORTS ON WELLS	
SUNDRY NOTICES AND REP (Do not use this form for proposals to drill or to deepe Use "APPLICATION FOR PERMIT—"	or plug back to a different reservoir.	
Use "APPLICATION FOR PERMIT—	THE PROPERTY OF THE PARTY OF TH	7. UNIT AGREEMENT NAME
I. GAS C		Red Wash Unit
WELL WELL OTHER	111	8. FARM OR LEADE NAME
2. NAME OF OPERATOR	APR 19 1988	Red Wash
Chevron U.S.A. Inc., Room 11111 3. ADDRESS OF OPERATOR		9. WELL NO.
n o n con Demon Colorado 8020	1 DIVISION OF	31 (34-22B) 10. FIELD AND POOL, OR WILDCAT
description of well (Report location clearly and in accordant	e with an Offet GAS & MINING	Red Wash-Green River
See also space 17 below.) At surface		11. SEC., T., E., M., OR BLE. AND
660' FSL 1,980' FEL SWSE		SURVEY OR ARMA
000 F3L 1,700 FBL		Sec. 22, T7S, R22E
	the bound of the state of	12. COUNTY OR PARISH 13. STATE
14. PERMIT NO.	whether DF, RT, GR, etc.)	Uintah Utah
43-047-15158 KB 5,610'		
16. Check Appropriate Box To	ndicate Nature of Notice, Report, or C	Other Data
NOTICE OF INTENTION TO:	SUBBEQ	UENT REPORT OF:
	WATER SHUT-OFF	REPAIRING WELL
TEST WATER SHUT-OFF PULL OR ALTER CASING MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CABING
PRACTURE TREAT	SHOOTING OR ACIDIZING X	ABANDONMENT*
SHOOT OR ACTUALS	(Other)	d with a completion on Well
REPAIR WEED	Completion of Recoult	s of multiple completion on Well pletion Report and Log form.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state proposed work. If well is directionally drilled, give sulproposed.)	all pertinent details, and give pertinent dates	, including estimated date of starting any cal depths for all markers and zones perti-
proposed work. If well is directionally drilled, give sul nent to this work.) *	sauriace locations and measured and tree	-
RWU #31 was perforated and acidized	as follows:	
RWO #31 was periorated and total		
1. MIRU Gudac #1 3/31/88. ND we1	lhead. NU BOPE and test.	
 Pulled production equipment. 		
0 GO : DDWD -+ E 6501		Tot (T) with (II seeing
4. Perforate $4,482'-90'$ (F _r), 4	,876'-82' (${ m H_f}$), and 5,068'	-/2' (1 _d) with 4 casing
cupe / SPF 900 phasing.		
5. Acidized perfs 5,068'-72' (I _d)	with 250 gals. 15% HOL With	additives.
6. Swab test perfs 5,068'-72' (Id).	with additives.
7. Reacidized perfs 5,068'-72' (I	d) with 2,000 gais. 15% hob	with additives.
8. Swab test perfs 5,068'-72' (I _d 9. Acidized perfs 4,876'-82' (H _f)	/·	th additives.
9. Acidized perfs 4,8/6'-82' (Hf)	WILH 2,000 gais. 15% not "2	
10. Swab test perfs $4,876'-82'$ (H _f 11. Acidized perfs $4,482'-90'$ (F _r)	with 500 gals, 15% HCL with	3 - BLM additives. 3 - State
).	2 - Partners
12. Swab test perfs 4,482'-90' (Fr 13. Selectively scale inhibitor sq	ueezed perfs 4,482'-90' (Fr)), 1 - EEM
4,876'-82' (H_f) and 5,068'-72'	(I ₄).	1 - MKD
14. Ran production equipment.	······	3 - Drlg.
15. ND BOPE. NU wellhead.		1 - PLM
16. RDMO. TWOTP.		1 - Sec. 724-C
		1 - File
inch is a character to true and correct		
18. I hereby certify that the tregging by true and correct	Technical Assistant	April 12, 1988
SIGNED _ (1) (COUSON)	TITLE	
(This space for Federal or State office use)		
	TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions on Reverse Side

RW431 34-22 Sec 22 T7-So, ROJE @ ubly 10/17/88 Control panel

wellhead

(June 1990)

UNITED STATES

FORM APPROVED ret Bureau No. 1004-0135 Expires: March 31, 1993

Form 3160-5 DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT** Lance Designation and Serial No. U-081 SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. If Indian, Allottee or Tribe Name Use "APPLICATION FOR PERMIT—" for such proposals If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE. **Red Wash Unit** 1. Type of Well SEP 1 7 1993 X Well Well Name and No. RWU #31 (34-22B) 2. Name of Operator **DIVISION OF** API Well No. Chevron U.S.A. Inc. 43-047-15158 OIL, GAS & MINING Address and Telephone No. P.O. Box 455, Vernal, Utah 84078 (801) 789-2442 10. Field and Pool, or Exploratory Area Red Wash-Grn. River Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State 660' FSL, 1980' FEL, SEC. 22-T7S-R22E Uintah, Utah 23E CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF ACTION TYPE OF SUBMISSION Notice of Intent Non-Routine Fracturing raion to Injection Shut-In m Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This well is shut-in due to uneconomic production rates.

. 1	
14. I hereby certify that the foregoing is true and correct	One (Assistant monage
Signed	Title Date USTRUS
(This space for Federal or State office use)	
Approved by:	Title

Form 3100-5 UNITED STATES FORM APPROVED (June 1990) DEPARTMENT OF THE INTE t Bureau No. 1004-0135 BUREAU OF LAND MANAGEME Expires: March 31, 1993 m and Senal No. SUNDRY NOTICES AND REPORTS WINWELLS TI-081 Do not use this form for proposals to drill or to deepen or reentry to a different on the different of the second Use "APPLICATION FOR PERMIT--" for such proposals If Indian, Allottee or Tribe Name SUBMIT IN TRIPLICATE 7. If Unit or CA, Agreement Designation Type of Well **RED WASH UNIT** Oil X Well Name and No. RWU #31 (34-22B) Name of Operator CHEVRON U.S.A. PRODUCTION COMPANY API Well No. Address and Telephone No. 43-047-15158 11002 EAST 17500 SOUTH, VERNAL, UT 84078-8526 (801) 781-4302 10. Field and Pool, or Exploratory Area Location of Well (Footage, Sec., T., R., M., or Survey Description) RED WASH-GRN. RIVER 11. County or Parish, State 660' FSL, 660' FWL, SEC. 22, T7S/R23E UINTAH, UTAH CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Abandonment Change of Plans New Construction Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off Final Abandonment Notice Altering Casing Conversion to Injection Well Statu Completion or Recompletion Report and Log form.) Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work) TA approval is requested for this well, which is believed to have gas recompletion potential. Gas potential will be tested sometime during the next five years.

UNITED STATES DEPARTMENT OF THE INTER BUREAU OF LAND MANAGENE

SUBMIT IN TRIPLICATE

FORM APPROVED t Bureeu No. 1004-0135 Expires: March 31, 1993

on and Serial No.

7. If Unit or CA, Agreement Designation

U-081

SUNDRY NOTICES AND REPORTS ON Do not use this form for proposals to drill or to deepen or reentry to a difference of AS & MINISTER OF THE Use "APPLICATION FOR PERMIT-" for such proposals

	11 111 1141 210:112	RED WASH UNIT
Type of Weli Oil Gas		RED WASH UNII
X Well Well Other		8. Well Name and No. RWU #31 (34-22B)
Name of Operator CHEVRON U.S.A. PRODUCTION COMPANY	·	9. API Well No.
Address and Telephone No.		43-047-15158
11002 EAST 17500 SOUTH, VERNAL, UT 84078	3-8526 (801) 781-4302	RED WASH-GRN. RIVER
Location of Well (Footage, Sec., T., R., M., or Survey Description)		11. County or Parish, State
660° FSL, 660° FWL, SEC. 22, T7S/R23E		UINTAH, UTAH
	BOX(s) TO INDICATE NATURE OF NOTICE, RE	PORT, OR OTHER DATA
	TYPE OF ACT.	
TYPE OF SUBMISSION Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	X Other Well Status	Dispose Water
		(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
Describe Proposed or Completed Operations (Clearly state all perture give subsurface locations and measured and true vertical depths for a	ent details, and give pertinent dates, including estimated date of starting any proposed wo ill markers and zones pertinent to this work)	

TA approval is requested for this well, which is believed to have gas recompletion potential. Gas potential will be tested sometime during the next five years.

14 I hereby certify that the Toyegaring is sauce and control. Signed	Title	Operations Assistant	Date	08/30/94		
(This space for Federal or State office use)						
Approved by:	Title		Date			
Conditions of approval, if any						
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or						

BURE. SUNDRY NO Do not use this form for proposals to drill of	UNITED STATES ARTMENT OF THE INTERIOR AU OF LAND MANAGEMENT OTICES AND REPORTS ON WELLS OF to deepen or reentry to a different reservoir. GAS FION FOR PERMIT" for such proposals	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993 5. Lease Designation and Serial No.
SUBM	IIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation
1. Type of Well		RED WASH UNIT
Oil Gas X Well Well Other		8. Well Name and No. RWU #31 (34-22B)
2. Name of Operator CHEVRON U.S.A. PRODUCTION COMPANY		9. API Well No.
3. Address and Telephone No.		43-047-15158
11002 EAST 17500 SOUTH, VERNAL, UT 84078 Location of Well (Footage, Sec., T., R., M., or Survey Description)	3-8526 (801) 781-4302	10. Field and Pool, or Exploratory Area
1980' EEL		RED WASH-GRN. RIVER 11. County or Parish, State
660' FSL, 660' FWL, SEC. 22, T7S/R23E, SW/SE		UINTAH, UTAH
CHECK APPROPRIATE B	OX(s) TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	<u> </u>
X Notice of Intent	Abandonment	Change of Plans
	X Recompletion	New Construction
Subsequent Report	X Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	Other	<u> </u>
	- Culei	Dispose Water
		(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
 Describe Proposed or Completed Operations (Clearly state all pertinent of give subsurface locations and measured and true vertical depths for all m 	details, and give pertinent dates, including estimated date of starting any proposed water	cepted by the
	Üts	ah Division of
We propose to recomplete the subject well as follow	vs: Oil, (Gas and Mining
 MIRU. Release tubing anchor and TOH. 	FOD	DECORD ONLY
3. Clean out to 5380'.	-	RECORD ONLY
 Set CIBP at 5375'. TIH with packer and tubing Perforate the following zones with 4 JSPF: 4522 4725-4729' (H), 4738-4745' (Ha), 4794-4798' (HI 5005-5017' (Ic), 5329-5334' (K). Swab/flow test well. RDMO. 	hydrotesting to 5000 PSI. Set packer at 4450'. -4525' (G), 4535-4540' (Ga), 4578-4582' (Gg), 4585-4589' (Gh), b), 4804-4807' (Hc), 4811-4817' (Hc), 4848-4852' (He), 4961-496	4682-4688' (Gq) 7' (I), 4977-4984' (Ib),
14. I hereby fertify that the foresping is true anticorrect.		
Signed	Title Operations Assistant	Date 12/5/94
(This space for Federal or State office use)		

Approved by: Title Date Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMEN

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

U-081

Least Designation and Serial No.

SUNDRY NOTICES A	ND REPORTS	ON WELLS
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Do not use this form for proposals to drill or to deepen or reentry to a different reservoir GAS & MINING

Use "APPLICATI	ON FOR PERMIT" for such plyposals	L. Allottee or Tribe Name
SUBMI	7. If Unit or CA, Agreement Designation RED WASH UNIT	
Type of Well Oil Gas X Well Well Other		8. Well Name and No. RWU #31 (34-22B)
Name of Operator CHEVRON U.S.A. PRODUCTION COMPANY		9. API Weil No. 43-047-15158
Address and Telephone No. 11002 EAST 17500 SOUTH, VERNAL, UT 84078-	8526 (801) 781-4302	10. Field and Pool, or Exploratory Area RED WASH-GRN. RIVER
Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' F.L., SEC. 22, T7S/R23E, SW/SE		11. County or Parish, State UINTAH, UTAH
CHECK APPROPRIATE BO	OX(s) TO INDICATE NATURE OF NO	
TYPE OF SUBMISSION	TY	PE OF ACTION
Notice of Intent	Abandonment X Recompletion	Change of Plans New Construction
X Subsequent Report	X Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection Dispose Water
	Other	

The following work was completed between 1/10/95 and 1/16/95:

- 1. MIRU.
- 2. Released tubing anchor and TOH.
- 3. Set CIBP at 5375'.
- 4. TIH with packer and set at 4456'.
- 5. Perforate the following zones with 4 JSPF: 5329-5334' (K), 5005-5017' (Ic), 4977-4984' (Ib), 4961-4967' (I), 4848-4852' (He), 4811-4817' (Hc), 4804-4807' (Hc), 4794-4798' (Hb), 4738-4745' (Ha), 4725-4729' (H), 4682-4688' (Gq), 4585-4589' (Gh), 4578-4582' (Gg), 4535-4540' (Ga), 4522-4525' (G).
- 6. Swab/flow test well.
- 7. RDMO.

14. I hereby certify that the foregoing is true and course Signed	JUGH	Title	Operations Assistant	Date	1/31/95
(This space for Federal or State office use)				Date	
Approved by: Conditions of approval, if any		Title			
Title 18 U.S.C. Section 1001, makes it a crime for an representations as to any matter within its jurisdiction	ny person knowingly and will on.	fully to make	to any department or agency of the United States any fi	alse, fictitious or fraudulent sta	tements or

Form \$160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

5. Lease Designation and Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir

Do not use this form for proposals to arm or t				
Use "APPLICA"	6. If Indian, Allottee or Tribe Name N/A			
SUBM	IT IN TRIPLICATE	7. If Unit or CA, Agreement Designation		
Type of Well Oil Gas		RED WASH UNIT I-SEC NO 761		
	E WELLS SEE ATTACHED LIST	8. Well Name and No.		
2. Name of Operator CHEVRON U.S.A. INC.		9. API Well No.		
3. Address and Telephone No 11002 E. 17500 S. VERNAL, UT 84078-8526	(801) 781-4300	10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		RED WASH - GREEN RIVER		
		11. County or Parish, State		
	•	UINTAH, UTAH		
12. CHECK APPROPRIATE	BOX(s) TO INDICATE NATURE OF NOTICE, REPORT	Γ, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION			
Notice of Intent	Abandonment	Change of Plans		
	Recompletion	New Construction		
X Subsequent Report	Plugging Back	Non-Routine Fracturing		

Casing Repair Altering Casing

Other CHANGE OF OPERATOR

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

As of January 1, 2000 Chevron U.S.A. INC. resigns as Operator of the Red Wash Unit. The Unit Number is I-SEC NO 761 effective October 31, 1950.

The successor operator under the Unit Agreement will be Shenandoah Energy Inc. 475 17th Street, Suite 1000 Denver, CO 80202

Final Abandonment Notice

Agreed and accepted to this 29th day of December, 1999

RECEIVED

Water Shut-Off

Dispose Water

Conversion to Injection

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

DEC 3 0 1999

DIVISION OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Signed A. E. Wacker Q - E - Wackey	Title	Assistant Secretary	Date	12/29/99
(This space for Federal or State office use) Approved by:	Title		Date	
Conditions of approval, if any				
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to me representations as to any matter within its jurisdiction.	ake to any	department or agency of the United States any false, fic	titious or fraudulent statements or	

OPERATOR CHANGE WORKSHEET

1. GLH 4-KAS 2. CDW 5-SY 0 3. JLT 6-FILE

Enter date after each listed item is completed

X Change of Operator (Well Sold)

Merger

Unit:

RED WASH

Designation of Agent

Operator Name Change (Only)

The operator of the well(s) listed below has changed, effective:	01-01-2000
FROM: (Old Operator): CHEVRON USA INC Address: 11002 E. 17500 S. VERNAL, UT 84078-8526	TO: (New Operator): SHENANDOAH ENERGY INC Address: 11002 E. 17500 S. VERNAL, UT 84078
700 700 1000	Phone: 1-(435)-781-4300

Phone: 1-(435)-781-4300
Account No. N0210

Phone: 1-(435)-781-4300
Account N4235

CA No.

WELL(S)			CT C POSSIBI	T TO A CITY	WELL	WELL
	API		SEC. TWN	LEASE		
NAME	NO.	NO.	RNG	TYPE	TYPE	STATUS
RWU 293 (22-22A)	43-047-31581	5670	22-07S-22E	FEDERAL		TA
RWU 30 (23-13B)	43-047-15157	5670	13-07S-23E	FEDERAL		TA
RWU 297 (24-15B)	43-047-31579	5670	15-07S-23E	FEDERAL		P
RWU 301 (43-15B)	43-047-31682	5670	15-07S-23E	FEDERAL		P
RWU 303 (34-17B)	43-047-31819	5670	17-07S-23E	FEDERAL		P
RWU 299 (32-18B)	43-047-33018	5670	18-07S-23E	FEDERAL		P
RWU 295 (11-22B)	43-047-31577	5670	22-07S-23E	FEDERAL		S
RWU 31 (34-22B)	43-047-15158	5670	22-07S-23E	FEDERAL		P
RWU 290 (12X-23B)	43-047-31515	5670	23-07S-23E	FEDERAL		PA
RWU 291 (22X-23B)	43-047-31516	5670	23-07S-23E	FEDERAL		PA
RWU 29 (32-23B)	43-047-15156	5670	23-07S-23E	FEDERAL		P
RWU 292 (42-23B)	43-047-31576	5670	23-07S-23E	FEDERAL		TA
RWU 3 (34-23B)	43-047-15136	5670	23-07S-23E	FEDERAL		P
RWU 289 (13-24B)	43-047-31517	5670	24-07S-23E	FEDERAL		P
RWU 302 (22-24B)	43-047-31683	5670	24-07S-23E	FEDERAL		S
RWU 298 (22-27B)	43-047-31679	5670	27-07S-23E	FEDERAL		TA
RWU 296 (12-35B)	43-047-31578	5670	35-07S-23E	FEDERAL	OW	P
RWU 307	43-047-32632	5670	16-07S-24E	STATE	GW	PA
RWU 294 (24-18C)	43-047-31582	5670	18-07S-24E	FEDERAL		P
RWU 306	43-047-32629	5670	23-07S-24E	FEDERAL	GW	P
RWU 308	43-047-32627	5670	28-07S-24E	FEDERAL	GW	PA
RWU 305 (41-4F)	43-047-32538	5670	04-08S-24E	FEDERAL	GW_	TA

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12-30-1999

2. (R649-8-10) Sundry or legal documentation was received from the NEW operator on:

08-09-2000

3.	The new company has been checked through the Department of Commerce , Division of Corporations Database on: 08-23-2000
4.	Is the new operator registered in the State of Utah: YES Business Number: 224885
5.	If NO, the operator was contacted contacted on:
6.	Federal and Indian Lease Wells: The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/04/2000
7.	Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for wells listed on: 02/04/2000
8.	Federal and Indian Communization Agreements ("CA"): The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9.	Underground Injection Control ("UIC") Pro! The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A
D	ATA ENTRY: Changes entered in the Oil and Gas Database on: 09/20/2000
2.	Changes have been entered on the Monthly Operator Change Spread Sheet on: 09/20/2000
3.	Bond information entered in RBDMS on: N/A
4.	Fee wells attached to bond in RBDMS on: N/A
S ′.	State well(s) covered by Bond No.: 159261960
	EE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION: (R649-3-1) The NEW operator of any fee well(s) listed has furnished a bond: N/A
2.	The FORMER operator has requested a release of liability from their bond on: N/A The Division sent response by letter on: N/A
3.	(R649-2-10) The FORMER operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:
F	ILMING: All attachments to this form have been MICROFILMED on: 63-09-01
	ILING: ORIGINALS/COPIES of all attachments pertaining to each individual well have been filled in each well file on:
C	DMMENTS:
_	
_	

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United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 RECEIVED

FEB 0 7 2000

DIVISION OF OIL, GAS AND MINING

IN REPLY REFER TO UT-931

February 4, 2000

Shenandoah Energy Inc. Attn: Rae Cusimano 475 17th Street, Suite 1000 Denver, Colorado 80202

Re:

Red Wash Unit

Uintah County, Utah

Gentlemen:

On December 30, 1999, we received an indenture whereby Chevron U.S.A. Inc. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 4, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks Chief, Branch of Fluid Minerals

Enclosure

cc: Chevron U.S.A. Inc.

bcc: Field Manager - Vernal (w/enclosure)

Division of Oil, Gas & Mining

Minerals Adjudication Group U-932 File - Red Wash Unit (w/enclosure) MMS - Data Management Division

Agr. Sec. Chron Fluid Chron

UT931:TAThompson:tt:2/4/00

Well Status Report Utah State Office Bureau of Land Management

Lease	Api Number Well Name	QTR	Section Township	Range	Well Status	Operator
UTU081	4304715152 24 (34-14B) RED WAS	טע פוופר	14 T 7S	R23E	DOLL	CHEVRON U S A INCORPORATED
UTU0566	4304730344 240 (12-36B) RED WA		36 T 7S		POW	CHEVRON U S A INCORPORATED
UTU081	4304730345 241 (22-14B) RED WA		14 T 7S		PGW	CHEVRON U S A INCORPORATED
UTU081	4304730346 242 (42-13B) RED W		13 T 7S		POW	CHEVRON U S A INCORPORATED
UTU02148	4304730347 243 (42-18C) RED W		18 T 7S		POW	CHEVRON U S A INCORPORATED
UTU02149	4304730348 244 (23-19C) RED WA		19 T 7S		PGW	CHEVRON U S A INCORPORATED
-UTSL071964	4304730349 245 (14 30C) RED W		30-1-73	R24E-		CHEVRON U.S. A. INCORPORATED
UTU02148	4304730387 246 (22-18C) RED WA		18 T 7S	R24E		CHEVRON U S A INCORPORATED
UTU02148	4304730388 247 (22-17C) RED WA		17 T 7S	R24E		CHEVRON U S A INCORPORATED
-UTU02149	4304730389-248 (43-20c) RED-W/		20 T 7S	R24E		CHEVRON U S A INCORPORATED
UTU082	4304716476 25 (23-23B) RED WAS	SH NESW	23 T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
*UTSL071965	4304730391-250-(41-290)-RED-W	S NENE	29 т 73	R24E	ABD	CHEVRON U-S-A-INCORPORATED
1110559	4304730457-257 (21-23A) RED WA	S NENW	23 T 7s	R22E	ABD	CHEVRON U S A INCORPORATED
UTU0559	4304730458 258 (34-22A) RED WA	S SWSE	22 T 7S	R22E	WIW	CHEVRON U S A INCORPORATED
STATE	4304732785 259	SWSW	16 T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304715153 26 (23-22B) RED WAS	SH NESW	22 T 7S	R23E	TA	CHEVRON U S A INCORPORATED
STATE	4304732786 260	SWSE	16 T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304730517 262 (22-26B) RED WA	S SENW	26 T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304730518 263 (24-26B) RED W	S SESW	26 T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304730519 264 (31-358) RED WA	S NWNE	35 T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU0566	4304730520 265 (44-26B) RED WA	SESE	26 T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304730521 266 (33-26B) RED WA	S NWSE	26 T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0116	4304732981 267	SWNE	17 T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304730522 269 (13-26B) RED WA		26 T 7S		TA	CHEVRON U S A INCORPORATED
UTU081	4304715154 27 (43-14B) RED WAS		14 T 7S		TA	CHEVRON U S A INCORPORATED
UTU0566	4304731082 270 (22-35B) RED WA		35 T 7S		POW	CHEVRON U S A INCORPORATED
UTU0566	4304731081 271 (42-35B) RED W		35 T 7S		TA	CHEVRON U S A INCORPORATED
UTU082	4304731054 272 (44-238) RED W		23 T 7S		PGW	CHEVRON U S A INCORPORATED
UTU0566	4304731051 273 (42-27B) RED WA		27 T 7S		TA	CHEVRON U S A INCORPORATED
UTU0823	-430473 1 083-274 (13-258) RED W/		25 † 73	R23E		CHEVRON U-S A-INCORPORATED
UTU0566	4304731077 275 (31-26B) RED W/		26 T 7S	R23E		CHEVRON U S A INCORPORATED
UTU0566	4304731053 276 (44-27B) RED W		27 T 7S		TA	CHEVRON U S A INCORPORATED
UTU0566	4304731076 278 (11-26B) RED W/		26 T 7S		TA	CHEVRON U S A INCORPORATED
STATE	4304731052 279 (11-36B) RED W		36 T 7S	R23E		CHEVRON U S A INCORPORATED
UTU081 UTU0566	4304715155 28 (43-22B) RED WAS 4304731079 280 (11-35B) RED WAS		22 T 7S	R23E		CHEVRON U S A INCORPORATED
÷UTU0823	-4304731079 280 (11-35B) RED WA -4304731078 281 (11-25B) RED WA		35 T 7S	R23E - R23E -		CHEVRON U S A INCORPORATED CHEVRON U S A INCORPORATED
UTU0566	4304731080 282(42-268) RED WA		25 † 7 9 26 † 79	R23E		CHEVRON U S A INCORPORATED
UTU0116	4304737000 202(42-208) KED WA	NESE	18 T 7S	R23E		CHEVRON U S A INCORPORATED
UTU082	4304731476 284 (33-23B) RED W		23 T 7S	R23E		CHEVRON U S A INCORPORATED
UTU082	4304731477 285 (11-24B) RED W		24 T 7S	R23E		CHEVRON U S A INCORPORATED
UTU0567	4304731478 286 (42-21B) RED W		21 T 7S	R23E		CHEVRON U S A INCORPORATED
UTU081	4304731512 287 (44-13B) RED W/		13 T 7S	R23E		CHEVRON U S A INCORPORATED
UTU0566	4304731513 288 (24-27B) RED W/		27 T 7S	R23E		CHEVRON U S A INCORPORATED
UTU082	4304731517 289 (13-24B) RED W		24 T 7S	R23E		CHEVRON U S A INCORPORATED
UTU082	4304715156 29 (32-23B) RED WAS		23 T 7S	R23E		CHEVRON U S A INCORPORATED
*-UTU082	-4304731515-290-(12X-238)-RED-1		23 T 78	R23E-		CHEVRON U S A INCORPORATED
-UTU082	4304731516 291 (22X-238) RED 1		25 T-7s	R23E		CHEVRON U S A INCORPORATED
UTU082	4304731576 292 (42-23B) RED W	AS SENE	23 T 7s	R23E	TA	CHEVRON U S A INCORPORATED

UTU02025

4304715184 60 (43-30B) RED WASH NESE

Well Status Report Utah State Office Bureau of Land Management

Lease Api Number Well Name QTR Section Township Range Well Status Operator UTU0559 4304731581 293 (22-22A) RED WAS SENW 22 T 7S R22E OSI CHEVRON U S A INCORPORATED UTU02148 4304731582 294 (24-18C) RED WAS SESW 18 T 7S R24E PGW CHEVRON U S A INCORPORATED **UTU081** 4304731577 295 (11-22B) RED WAS NWNW R23E 22 T 7S TA CHEVRON U S A INCORPORATED UTU0566 4304731578 296 (12-35B) RED WAS SWNW 35 T 7S R23E POW CHEVRON U S A INCORPORATED **UTU081** 4304731579 297 (24-15B) RED WAS SESW 15 T 7S R23E POW CHEVRON U S A INCORPORATED UTU0566 4304731679 298 (22-27B) RED WAS SENW 27 T 7S **R23E** TA CHEVRON U S A INCORPORATED UTU0116 4304733018 299 SWNF 18 T 7S R23E POW CHEVRON U S A INCORPORATED **UTU082** 4304715136 3 (34-23B) RED WASH SWSE 23 T 7S R23E POW CHEVRON U S A INCORPORATED **UTU081** 4304715157 30 (23-13B) RED WASH NESW 13 T 7S R23E POW CHEVRON U S A INCORPORATED **UTU081** 4304731682 301 (43-15B) RED WAS NESE 15 T 7S R23E TA CHEVRON U S A INCORPORATED 4304731683 302 (22-24B) RED WAS SENW UTU082 24 T 7S R23E TA CHEVRON U S A INCORPORATED UTU0116 4304731819 303 (34-17B) RED WAS SWSE 17 T 7S R23E POU CHEVRON U S A INCORPORATED UTU0830 4304732538 305 NENE 4 T 8S R24E PGW CHEVRON U S A INCORPORATED **UTU093** 4304732629 306 NESW 23 T 7S R24E POW CHEVRON U S A INCORPORATED STATE 4304732632-307 SWSW 16 T 73 R24E ABD CHEVRON U-S A-INCORPORATED -UTSL071965 4304732627-308 SESW 28 T-73 R24E --P+A CHEVRON U S A INCORPORATED UTU081 4304715158 31 (34-22B) RED WASH SWSE 22 T 7S R23E POW CHEVRON U S A INCORPORATED -UT9L071965 4304732628-311 NF 9U 26 T 73 R24E P+4 CHEVRON U S A INCORPORATED -- UTSL071963 4304732595 312 SWNE 34 T 73 R24E ABD CHEVRON U S A INCORPORATED --UTU02149 4304732630 - 313 NESW 20 T 7S R24E -ABD CHEVRON U S A INCORPORATED -UTSL071965 4304732626-314 SESW 29 T 73 R24E ABD CHEVRON U S A INCORPORATED UTU081 4304715160 33 (14-14B) RED WASH SWSW 14 T 7S **R23E** TA CHEVRON U S A INCORPORATED UTU081 4304715161 34 (23-148) RED WASH NESW 14 T 7S R23E WIW CHEVRON U S A INCORPORATED UTU081 4304715162 35 (43-13B) RED WASH NESE 13 T 7S R23E TA CHEVRON U S A INCORPORATED **UTU081** 4304715163 36 (32-13B) RED WASH SWNE 13 T 7S R23E POW CHEVRON U S A INCORPORATED *UTU0823 4304715164-37 (41-25B) RED WASH NENE R23E 25 T 78 ABD CHEVRON U.S.A. INCORPORATED UTU082 4304715165 38 (14-23B) RED WASH SWSW 23 T 7S R23E POW CHEVRON U S A INCORPORATED UTU0561 4304715166 39 (14-24A) RED WASH SWSW 24 T 7S R22E TA CHEVRON U S A INCORPORATED **UTU081** 4304715137 4 (41-22B) RED WASH 22 T 7S **R23E** TA CHEVRON U S A INCORPORATED UTU082 4304715167 40 (21-24B) RED WASH NENW 24 T 7S R23E POW CHEVRON U S A INCORPORATED **UTU081** 4304715168 41 (34-13B) RED WASH SWSE 13 T 7S R23E POW CHEVRON U S A INCORPORATED UTSL071965 4304715169 42 (21-29C) RED WASH NENW 29 T 7S R24E PGW CHEVRON U S A INCORPORATED · UTU0116 4304715170 43 (12-17B) RED WASH SWNW 17 T 7S **R23E** POU CHEVRON U S A INCORPORATED UTU0829 4304715171 44 (32-33C) RED WASH SWNE 33 T 7S R24E PGW CHEVRON U S A INCORPORATED UTU02030 4304715172 45 (23-30B) RED WASH NESW 30 T 7S **R23E** CHEVRON U S A INCORPORATED TA **UTU080** 4304715173 46 (41-21C) RED WASH NENE 21 T 7S R24F PGW CHEVRON U S A INCORPORATED UTU02030 4304715174 48 (32-19B) RED WASH SWNE 19 T 7S R23E TA CHEVRON U S A INCORPORATED UTU02025 4304715175 49 (12-29B) RED WASH SWNW 29 T 7S R23E TA CHEVRON U S A INCORPORATED **UTU082** 4304715138 5 (41-23B) RED WASH 23 T 7S POW NENE R23E CHEVRON U S A INCORPORATED UTU0559 4304715176 50 (14-23A) RED WASH SWSW 23 T 7S R22E POW CHEVRON U S A INCORPORATED STATE 4304715177 51 (12-16B) RED WASH SWNW R23E POW 16 T 7S CHEVRON U S A INCORPORATED UTU0116 4304715178 52 (14-18B) RED WASH SWSW 18 T 7S R23E TA CHEVRON U S A INCORPORATED UTU0561 4304715179 53 (41-25A) RED WASH NENE POW 25 T 7S **R22E** CHEVRON U S A INCORPORATED -- UTU0559 4304715181-55 (41-21A) RED WASH NENE 21 T 79 R22E P+A CHEVRON U S A INCORPORATED UTU02030 4304715182 56 (41-28B) RED WASH NENE 28 T 7S R23E UIU CHEVRON U S A INCORPORATED UTU02148 4304715183 57 (12-18C) RED WASH SWNW 18 T 7S R24E POW CHEVRON U S A INCORPORATED **UTU082** 4304716477 59 (12-24B) RED WASH SWNW 24 T 7S WIW CHEVRON U S A INCORPORATED **R23E** UTU0567 4304716482 6 (41-21B) RED WASH 21 T 7S **R23E** UIU CHEVRON U S A INCORPORATED

R23E

TA

CHEVRON U S A INCORPORATED

30 T 7S



Well Status Report Utah State Office Bureau of Land Management

Lease Api Number Well Name QTR Section Township Range Well Status Operator UTU0559 4304731581 293 (22-22A) RED WAS SENW 22 T 7S R22E OSI CHEVRON U S A INCORPORATED UTU02148 4304731582 294 (24-18C) RED WAS SESW 18 T 7S R24E PGW CHEVRON U S A INCORPORATED UTU081 4304731577 295 (11-22B) RED WAS NWNW 22 T 7S **R23E** TA CHEVRON U S A INCORPORATED UTU0566 4304731578 296 (12-35B) RED WAS SWNW 35 T 7S R23E POW CHEVRON U S A INCORPORATED **UTU081** 4304731579 297 (24-15B) RED WAS SESW 15 T 7S R23E POW CHEVRON U S A INCORPORATED UTU0566 4304731679 298 (22-27B) RED WAS SENW 27 T 7S R23E TA CHEVRON U S A INCORPORATED UTU0116 4304733018 299 SWNE 18 T 7S **R23E** POW CHEVRON U.S. A. INCORPORATED **UTU082** 4304715136 3 (34-23B) RED WASH SWSE 23 T 7S R23E POU CHEVRON U S A INCORPORATED **UTU081** 4304715157 30 (23-138) RED WASH NESW 13 T 7S R23E POW CHEVRON U S A INCORPORATED **UTU081** 4304731682 301 (43-15B) RED WAS NESE 15 T 7S R23E TA CHEVRON U S A INCORPORATED **UTU082** 4304731683 302 (22-24B) RED WAS SENW 24 T 7S **R23E** TA CHEVRON U S A INCORPORATED 4304731819 303 (34-17B) RED WAS SWSE UTU0116 17 T 7S R23E POW CHEVRON U S A INCORPORATED UTU0830 4304732538 305 NENE 4 T 8S R24E PGW CHEVRON U S A INCORPORATED **UTU093** 4304732629 306 NESW 23 T 7S R24E POW CHEVRON U S A INCORPORATED -STATE-4304732632-307 SWSW 16 T 73 R24E ABD CHEVRON U S A INCORPORATED -UTSL071965 4304732627-308 SESW 28 T 73 R24E P+A CHEVRON U S A INCORPORATED **UTU081** 4304715158 31 (34-22B) RED WASH SWSE 22 T 7S R23E POW CHEVRON U S A INCORPORATED -UTSL071965 4304732628-311 NF St. -26 T 73 R24E -P+A CHEVRON-U S A INCORPORATED UTSL071963 -4304732595--312 34 T 78 R24F--ARD CHEVRON U.S.A. INCORPORATED --- UTU02149-4304732630 313 MEGL 20-1-7s R24E ABD CHEVRON U S A INCORPORATED -UTSL071965 4304732626-314-29 T 73 R24# ARD CHEVRON U S A INCORPORATED **UTU081** 4304715160 33 (14-14B) RED WASH SWSW 14 T 7S **R23E** TA CHEVRON U S A INCORPORATED UTU081 4304715161 34 (23-14B) RED WASH NESW 14 T 7S **R23F** UTU CHEVRON U S A INCORPORATED **UTU081** 4304715162 35 (43-13B) RED WASH NESE 13 T 7S R23E TA CHEVRON U S A INCORPORATED UTU081 4304715163 36 (32-13B) RED WASH SWNE 13 T 7S R23E POW CHEVRON U S A INCORPORATED *UTU0823 4304715164-37 (41-25B) RED WASH NENE 25 T 78 R23E ABD CHEVRON U S A INCORPORATED **UTU082** 4304715165 38 (14-23B) RED WASH SWSW 23 T 7S **R23E** POW CHEVRON U S A INCORPORATED 4304715166 39 (14-24A) RED WASH SWSW UTU0561 24 T 7S R22E TA CHEVRON U S A INCORPORATED **UTU081** 4304715137 4 (41-22B) RED WASH NENE 22 T 7\$ R23E TΑ CHEVRON U S A INCORPORATED **UTU082** 4304715167 40 (21-24B) RED WASH NENW 24 T 7S R23E POW CHEVRON U S A INCORPORATED **UTU081** 4304715168 41 (34-13B) RED WASH SWSE 13 T 7S R23E POW CHEVRON U S A INCORPORATED UTSL071965 4304715169 42 (21-29C) RED WASH NENW 29 T 7S R24E PGW CHEVRON U S A INCORPORATED UTU0116 4304715170 43 (12-17B) RED WASH SWNW 17 T 7S R23E POW CHEVRON U S A INCORPORATED UTU0829 4304715171 44 (32-33C) RED WASH SWNE 33 T 7s R24E PGW CHEVRON U S A INCORPORATED 4304715172 45 (23-30B) RED WASH NESW UTU02030 30 T 7S R23E TA CHEVRON U S A INCORPORATED **UTU080** 4304715173 46 (41-21C) RED WASH NENE 21 T 7S PGU R24E CHEVRON U S A INCORPORATED UTU02030 4304715174 48 (32-19B) RED WASH SWNE 19 T 7S R23E TA CHEVRON U S A INCORPORATED UTU02025 4304715175 49 (12-29B) RED WASH SWNW 29 T 7S R23E TA CHEVRON U S A INCORPORATED **UTU082** 4304715138 5 (41-23B) RED WASH NENE 23 T 7S R23E POW CHEVRON U S A INCORPORATED **UTU0559** 4304715176 50 (14-23A) RED WASH SWSW 23 T 7S **R22F** POU CHEVRON U S A INCORPORATED STATE 4304715177 51 (12-168) RED WASH SWNW 16 T 7S R23E POW CHEVRON U S A INCORPORATED UTU0116 4304715178 52 (14-18B) RED WASH SWSW 18 T 7S R23E CHEVRON U S A INCORPORATED TA UTU0561 4304715179 53 (41-25A) RED WASH NENE 25 T 7S R22E POW CHEVRON U S A INCORPORATED - UTU0559 4304715181-55 (41-21A) RED WASH NENE 21 T 73 R22E PHA CHEVRON U S A INCORPORATED UTU02030 4304715182 56 (41-28B) RED WASH NENE 28 T 7S R23E WIW CHEVRON U S A INCORPORATED UTU02148 4304715183 57 (12-18C) RED WASH SWNW 18 T 7S R24E POW CHEVRON U S A INCORPORATED **UTU082** 4304716477 59 (12-24B) RED WASH SWNW 24 T 7S **R23E** WIW CHEVRON U S A INCORPORATED UTU0567 4304716482 6 (41-21B) RED WASH NENE 21 T 7S R23E WIW CHEVRON U S A INCORPORATED UTU02025 4304715184 60 (43-30B) RED WASH NESE 30 T 7S R23E TA



CHEVRON U S A INCORPORATED

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed b	elow has changed,	effectiv	e:		2/	1/2003			
FROM: (Old Operator):					TO: (New Operator):				
N4235-Shenandoah Energy Inc				N2460-QEP	Uinta Basin	Inc			1
11002 E 17500 S				•	E 17500 S				
Vernal, UT 84078-8526				Verna	I, UT 84078	3-8526			
Phone: (435) 781-4341				Phone:	(435) 781-				
CA No.				Unit:	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		WASH		1
WELL(S)									1
NAME	SEC	CTWN	RNG	API NO	ENTITY	LEASE	WELL	WELL	Co
					NO	TYPE	TYPE	STATUS	,
D		0700	2205	4204721501	5.670	F 1 1	011/	T. 4	\perp
RWU 293 (22-22A)	22			4304731581		Federal	OW	TA	+
RWU 30 (23-13B)	13			4304715157		Federal	GW	TA	╄-
RWU 35 (43-13B)	13			4304715162		Federal	OW	TA	\downarrow
RWU 36 (32-13B)	13			4304715163		Federal	GW	P	\perp
RWU 33 (14-14B)	14			4304715160		Federal	GW	TA	\perp
RWU 297 (24-15B)	15			4304731579		Federal	OW	P	
RWU 301 (43-15B)	15	070S	230E	4304731682	5670	Federal	GW	S	
RWU 303 (34-17B)	17	070S	230E	4304731819	5670	Federal	ow	P	
RWU 299 (32-18B)	18	070S	230E	4304733018	5670	Federal	ow	P	
RWU 295 (11-22B)	22	070S	230E	4304731577	5670	Federal	GW	TA	Γ
RWU 31 (34-22B)	22	070S	230E	4304715158	5670	Federal	ow	P	T
RWU 29 (32-23B)	23	070S	230E	4304715156	5670	Federal	ow	P	T
RWU 292 (42-23B)	23	070S	230E	4304731576	5670	Federal	GW	TA	T
RWU 3 (34-23B)	23			4304715136	5670	Federal	ow	P	Τ
RWU 38 (14-23B)	23		1	4304715165	5670	Federal	ow	P	T
RWU 289 (13-24B)	24			4304731517		Federal	ow	P	T
RWU 302 (22-24B)	24			4304731683	+	Federal	GW	TA	T
RWU 298 (22-27B)	27			4304731679		Federal	ow	TA	T
RWU 296 (12-35B)	35			4304731578		Federal	ow	P	†
RWU 294 (24-18C)	18	070S		4304731582		Federal	GW	P	T

OPERATOR CHANGES DOCUMENTATION

Enter date :	after each	listed item	ı is comp	leted
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1. (R649-8-10) Sundry or legal documentation was received from the FORMER operator on: 6/2/2003

2. (R649-8-10) Sundry or legal documentation was received from the NEW operator on: 6/2/2003

3. The new company was checked on the Department of Commerce, Division of Corporations Database on: 6/19/2003

4. Is the new operator registered in the State of Utah:

YES Business Number: 5292864-0151

5. If NO, the operator was contacted contacted on:

6. (l	R649-9-2)Waste Management Plan has been received on:	IN PLACE	-
7.	Federal and Indian Lease Wells: The BLM and or the BIA or operator change for all wells listed on Federal or Indian leases on:	has approved 7/21/2003	I the merger, name change,
8.	Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for we	ells listed on:	7/21/2003
9.	Federal and Indian Communization Agreements ("CA The BLM or BIA has approved the operator for all wells listed with	•	n/a
10.	Underground Injection Control ("UIC") The Divisi for the enhanced/secondary recovery unit/project for the water dispos		UIC Form 5, Transfer of Authority to Inject, on: n/a
	TA ENTRY:		
1.	Changes entered in the Oil and Gas Database on:	8/28/2003	-
2.	Changes have been entered on the Monthly Operator Change Sprea	d Sheet on:	8/28/2003
3.	Bond information entered in RBDMS on:	n/a	
4.	Fee wells attached to bond in RBDMS on:	n/a	-
ST	ATE WELL(S) BOND VERIFICATION:		
1.	State well(s) covered by Bond Number:	965-003-032	
FE	DERAL WELL(S) BOND VERIFICATION:		
1.	Federal well(s) covered by Bond Number:	ESB000024	
INI	DIAN WELL(S) BOND VERIFICATION:		
1.	Indian well(s) covered by Bond Number:	799446	
FE	E WELL(S) BOND VERIFICATION:		
1. ((R649-3-1) The NEW operator of any fee well(s) listed covered by Bo	ond Number	965-003-033
	The FORMER operator has requested a release of liability from their be. The Division sent response by letter on:	oond on: n/a	n/a
LE.	ASE INTEREST OWNER NOTIFICATION:		
	R649-2-10) The FORMER operator of the fee wells has been contacted of their responsibility to notify all interest owners of this change on:	ed and informed l	by a letter from the Division
COI	MMENTS:		



estar Exploration and Production Company

Independence Plaza 1050 17th Street, Suite 500 Denver, CO 80265 Tel 303 672 6900 • Fax 303 294 9632

Denver Division

May 28, 2003

Division of Oil, Gas, & Mining 1594 West North Temple, Suite 1210 P. O. Box 145801 Salt Lake City, Utah 84114-5801

Attention: John Baza/Jim Thompson

Gentlemen:

This will serve as notice that through the internal corporate changes described below, activities formerly conducted in the name of either Shenandoah Operating Company, LLC (SOC) and/or Shenandoah Energy, Inc. (SEI) will hereafter be conducted in the name of QEP Uinta Basin, Inc.: i) the Shenandoah entities were purchased in July, 2001 by Questar Market Resources, Inc., which is a mid-level holding company for the non-utility businesses of Questar Corporation, ii) Shenandoah Operating Company, LLC has now been merged into Shenandoah Energy, Inc. (SEI), iii) Shenandoah Energy, Inc. has now been re-named QEP Uinta Basin, Inc. pursuant to a State of Delaware Amended and Restated Certificate of Incorporation, iv) the same employees will continue to be responsible for operations of the former SOC and SEI properties, both in the field and in the office. Accordingly, the change involves only an internal corporate name change and no third party change of operator is involved. Please alter your records to reflect the entity name change. Attached is a spreadsheet listing all wells affected by this change.

Should you have any questions, please call me at 303 - 308-3056.

Yours truly,

Frank Nielsen
Division Landman

hard Thelen

Enclosure

JUN 0 2 2003

DIV. OF OIL, GAS & MINING

well name	Sec	T	R	api	Entity —	Lease Type	type	stat	
RED WASH 22-21B	21	070S		4304733522		Federal	ow	TA	
RED WASH 24-20B	20	070S	230E	4304733523	5670	Federal	ow	P	
RED WASH 305 (41-4F)	04	080S	240E	4304732538	+	Federal	GW	TA	
RED WASH 306	23	070S	240E	4304732629		Federal	GW	P	
RED WASH 44-19B	19	070S	230E	4304733524		Federal	OW	P	
RED WASH 44-20B	20	070S	230E	4304733525		Federal	OW	P	
RWU 1 (41-26B)	26	070S	230E	4304715135		Federal	OW	TA	
RWU 10 (12-23B)	23	070S	230E	4304715141		Federal Federal	OW OW	TA P	
RWU 101 (34-21B)	21 15	070S 070S	230E 230E	4304715220		Federal	ow	P	
RWU 103 (34-15B)	21	070S	230E	4304715222 4304715226		Federal	ow	P	
RWU 108 (32-21B) RWU 109 (21-28B)	28	070S	230E	4304715227		Federal	ow	P	
RWU 110 (23-23A)	23	070S	220E	4304715228		Federal	ow	P	
RWU 111 (32-24A)	24	070S	220E	4304715229		Federal	OW	TA	
RWU 112 (32-28A)	28	070S	220E	4304715230		Federal	ow	P	
RWU 115 (21-19B)	19	070S	230E	4304715233	5670	Federal	ow	P	
RWU 119 (43-29A)	29	070S	220E	4304715236	5670	Federal	ow	P	
RWU 120 (23-28B)	28	070S	230E	4304715237		Federal	OW	TA	
RWU 121 (13-13B)	13	070S	230E	4304715238		Federal	GW	P	
RWU 122 (24-14B)	14	070S	230E	4304715239	1	Federal	OW	P	
RWU 125 (34-19B)	19	070S	230E	4304715242		Federal	ow	TA	
RWU 126 (41-29A)	29	070S	220E	4304715243		Federal	ow	P	
RWU 127 (12-19B)	19	070S	230E	4304715244		Federal	OW	TA P	<u> </u>
RWU 129 (14-15B)	15	0708		4304715246	<u> </u>	Federal	OW OW	TA	
RWU 13 (14-22B)	22	0708	230E	4304715143	<u> </u>	Federal Federal	ow	P	
RWU 133 (41-34B)	34 19	070S 070S	230E 230E	4304715250 4304715252		Federal	ow	TA	
RWU 136 (43-19B)	28	070S	230E	4304715253		Federal	GW	TA	
RWU 137 (34-28B) RWU 138 (41-30B)	30	070S	230E	4304715254		Federal	ow	P	
RWU 140 (24-22B)	22	070S	230E	4304715255		Federal	ow	P	
RWU 141 (11-27B)	27	070S	230E	4304715256	<u> </u>	Federal	ow	TA	
RWU 143 (33-14B)	14	070S	230E	4304715257		Federal	ow	P	
RWU 144 (21-18B)	18	070S	230E	4304715258	5670	Federal	ow	TA	
RWU 145 (24-13B)	13	070S	230E	4304715259	5670	Federal	ow	TA	
RWU 147 (22-22B)	22	070S	230E	4304715260		Federal	ow	TA	
RWU 15 (32-17C)	17	070S	240E	4304715145		Federal	ow	P	
RWU 151 (42-14B)	14	070S	230E	4304715264		Federal	ow	P	
RWU 153 (14-29B)	29	070S	230E	4304715265		Federal	OW	P	
RWU 158 (32-30B)	30	070S	230E	4304715268		Federal	OW	P	_
RWU 160 (32-15B)	15	070S	230E	4304715270		Federal	ow	P	-
RWU 162 (12-20B)	20	070S	230E	4304715272		Federal	OW	TA P	
RWU 164 (12-28B)	28	0708	230E	4304715274		Federal	OW GW	TA	
RWU 165 (32-26B)	26	0708	230E 230E	4304715275		Federal Federal	OW	S	-
RWU 167 (23-21B)	21	070S 070S	230E	4304715277		Federal	ow	TA	\vdash
RWU 168 (23-24B)	30	070S	230E	4304715280		Federal	ow	TA	t
RWU 172 (21-30B) RWU 176 (31-28B)	28	070S	230E	4304715283		Federal	ow	TA	
RWU 176 (31-28B)	28	070S	230E	4304715284		Federal	ow	TA	
RWU 178 (22-13B)	13	070S	230E	4304715285		Federal	ow	TA	
RWU 180 (31-23B)	23	070S	230E	4304715287		Federal	ow	TA	
RWU 181 (34-30B)	30	070S	230E	4304715288		Federal	ow	P	
RWU 184 (23-26B)	26	070S	230E	4304715290		Federal	ow	TA	
RWU 188 (23-20B)	20	070S	230E	4304715291		Federal	ow	TA	
RWU 19 (34-26B)	26	070S	230E	4304715148		Federal	GW	TA	ļ
RWU 192 (41-33A)	33	070S	220E	4304715294		Federal	OW	P	<u> </u>
RWU 193 (43-24B)	24	070S	230E	4304715295		Federal	GW	S	
RWU 194 (12-14B)	14	070S	230E	4304715296		Federal	OW	S	
RWU 196 (23-17C)	17	070S	240E	4304715298		Federal	GW	S	-
RWU 201 (32-28C)	28	0708	240E	4304715302		Federal	GW	P P	+-
RWU 204 (23-25A)	25	070S	220E	4304715305		Federal	OW		
RWU 205 (23-21C)	21	0708	240E	4304715306		Federal	GW	TA	┼
RWU 207	17	0708	230E	4304732738		Federal Federal	OW OW	P P	\vdash
RWU 21 (32-14B)	14	0708	230E 240E	4304715150		Federal	GW	P	+
RWU 212 (41-8F)	08 24	080S 070S	220E	4304720014		Federal	ow	P	+
RWU 21-24A	144	10703	LZZUE	133374	3070	ji cuciai	10 11	1*	0/2

SEI (N4235) to QEP (N2460) RED WASH UNIT

well_name	Sec	T	R	api	Entity —		type	stat	
RWU 21-25A	25	070S	220E	4304733576		Federal	OW	P	
RWU 219 (44-21C)	21	070S		4304730149		Federal	GW	P	
RWU 220 (22-23B)	23	070S	230E	4304730192		Federal	OW	TA	
RWU 221 (13-27B)	27	070S		4304730199		Federal	ow	TA	
RWU 22-13A	13	070S	220E	4304733765	<u> </u>	Federal	ow	S	
RWU 22-19B	19	070S	230E	4304733559	5670	Federal	OW	P	
RWU 222 (31-27B)	27	070S	230E	4304730200		Federal	GW	TA	
RWU 22-20B	20	070S	230E	4304733491	5670	Federal	ow	P	
RWU 22-25A	25	070S	220E	4304733786	5670	Federal	ow	P	
RWU 22-29B	29	070S	230E	4304733766	5670	Federal	OW_	S	
RWU 224 (44-22B)	22	070S	230E	4304730202	5670	Federal	GW	TA	
RWU 225 (13-23B)	23	070S	230E	4304730212	5670	Federal	GW	TA	
RWU 226 (24-23B)	23	070S	230E	4304730249	5670	Federal	GW	S	
RWU 227 (14-26B)	26	070S	230E	4304730257		Federal	OW	TA	
RWU 228 (21-34B)	34	070S	230E	4304730258	5670	Federal	ow	P	
RWU 229 (43-26B)	26	070S	230E	4304730259	5670	Federal	ow	TA	
RWU 230 (14-18C)	18	070S	240E	4304730309	5670	Federal	ow	TA	
RWU 231 (21-35B)	35	070S	230E	4304730310	5670	Federal	ow	TA	
RWU 232 (12-26B)	26	070S	230E	4304730311	5670	Federal	ow	TA	
RWU 23-24A	24	070S	220E	4304733567	5670	Federal	ow	P	
RWU 233 (12-25B)	25	070S	230E	4304730312	5670	Federal	OW	TA	
RWU 234 (32-24B)	24	070S	230E	4304730313	5670	Federal	ow	P	
RWU 235 (34-18C)	18	070S	240E	4304730314		Federal	ow	P	
RWU 236 (21-19C)	19	070S	240E	4304730340	5670	Federal	GW	P	
RWU 237 (14-25B)	25	070S	230E	4304730341	5670	Federal	ow	P	
RWU 238 (32-35B)	35	070S	230E	4304730342	5670	Federal	ow	TA	
RWU 239 (41-35B)	35	070S	230E	4304730343	5670	Federal	ow	TA	
RWU 24 (34-14B)	14	070S	230E	4304715152	5670	Federal	ow	P	
RWU 240 (12-36B)	36	070S	230E	4304730344	5670	Federal	ow	P	
RWU 241 (22-14B)	14	070S	230E	4304730345	5670	Federal	ow	P	
RWU 24-18B	18	070S	230E	4304733554	5670	Federal	ow	P	
RWU 24-19B	19	070S	230E	4304733492	5670	Federal	ow	P	
RWU 242 (42-13B)	13	070S	230E	4304730346	5670	Federal	ow	P	
RWU 243 (42-18C)	18	070S	240E	4304730347	5670	Federal	ow	TA	
RWU 244 (23-19C)	19	070S	240E	4304730348	5670	Federal	GW	P	
RWU 246 (22-18C)	18	0708	240E	4304730387	5670	Federal	ow	P	
RWU 247 (22-17C)	17	070S	240E	4304730388		Federal	GW	P	T .
RWU 26 (23-22B)	22	070S	230E	4304715153		Federal	ow	TA	
RWU 262 (22-26B)	26	070S	230E	4304730517		Federal	GW	TA	
RWU 265 (44-26B)	26	070S		4304730520		Federal	GW	P	
RWU 267 (32-17B)	17	070S	230E			Federal	ow	P	
RWU 27 (43-14B)	14	070S	230E			Federal	ow	TA	\vdash
RWU 270 (22-35B)	35	070S	230E			Federal	ow	P	
RWU 272 (44-23B)	23	070S	230E	4304731054		Federal	GW	P	
	27	070S	230E	4304731051		Federal	ow	TA	\vdash
RWU 273 (42-27B)	27	070S	230E	4304731053		Federal	ow	TA	\vdash
RWU 276 (44-27B) RWU 278 (11-26)	26	070S	230E	4304731076		Federal	GW	TA	T
	22	070S	230E	4304715155		Federal	ow	P	1
RWU 28 (43-22B) RWU 280 (11-35B)	35	070S	230E			Federal	ow	P	T
RWU 282 (42-26B)	26	070S	230E	4304731080		Federal	GW	TA	
RWU 284 (33-23B)	23	070S	230E	4304731476		Federal	GW	TA	\top
	24	070S	230E			Federal	ow	P	1
RWU 285 (11-24B)	21	070S	230E			Federal	ow	P	T
RWU 286 (42-21B)	13	0705	230E			Federal	OW	TA	\top
RWU 287 (44-13B)	27	070S	230E			Federal	ow	TA	1
RWU 288 (24-27)	24	0708	230E	4304731517		Federal	ow	P	+
RWU 289 (13-24B)	23	070S	230E	4304715156		Federal	ow	P	
RWU 29 (32-23B)						Federal	GW	TA	+
RWU 292 (42-23B)	23	0708	230E			Federal	ow	TA	+
RWU 293 (22-22A)	22	0708	220E			Federal	GW	P	+-
RWU 294 (24-18C)	18	0708	240E			Federal	GW	TA	+-
RWU 295 (11-22B)	22	0708	230E				OW	P	+-
RWU 296 (12-35B)	35	0708	230E			Federal Federal	OW	P	+
RWU 297 (24-15B)	15	0708	230E			Federal	OW OW	TA	+
									1
RWU 298 (22-27B) RWU 299 (32-18B)	27 18	070S 070S	230E 230E			Federal	ow	P	+

SEI (N4235) to QEP (N2460) RED WASH UNIT

well_name	Sec	T	R	api		Lease Type	type	stat	<u> </u>
RWU 3 (34-23B)	23	070S	230E	4304715136		Federal	OW	P	<u> </u>
RWU 30 (23-13B)	13	070S	230E	4304715157		Federal	GW	TA	ـــــ
RWU 301 (43-15B)	15	070S	230E	4304731682		Federal	GW	S	├
RWU 302 (22-24B)	24	070S	230E	4304731683		Federal	GW	TA	├
RWU 303 (34-17B)	17	070S	230E	4304731819		Federal	OW	P P	
RWU 31 (34-22B)	22	070S	230E	4304715158		Federal	OW	+	├
RWU 33 (14-14B)	14	070S	230E	4304715160		Federal	GW	TA	┼—
RWU 35 (43-13B)	13	0708	230E	4304715162		Federal	OW	TA P	₩
RWU 36 (32-13B)	13	0708	230E	4304715163		Federal	GW	P	
RWU 38 (14-23B)	23	070S	230E	4304715165		Federal	OW		
RWU 39 (14-24A)	24	070S	220E	4304715166		Federal	OW	TA	
RWU 4 (41-22B)	22	0708	230E	4304715137		Federal	OW	TA TA	├
RWU 40 (21-24B)	24	0708	230E	4304715167		Federal Federal	ow	P	┼
RWU 41 (34-13B)	13	0708	230E	4304715168		Federal	OW	P	╁
RWU 41-24A	24 25	070S 070S	220E 220E	4304733769 4304733579		Federal	ow	P	\vdash
RWU 41-25A	29	070S	240E	4304715169		Federal	GW	P	\vdash
RWU 42 (21-29C)	19	070S	230E	4304713169		Federal	ow	P	┼
RWU 42-19B	20	070S	230E	4304733390		Federal	ow	P	┼
RWU 42-20B	24	070S	220E			Federal	ow	P	\vdash
RWU 42-24A	25	070S	220E	4304733569		Federal	ow	S	-
RWU 42-25A	30	070S	230E	4304733380		Federal	ow	P	
RWU 42-30B	17	070S	230E	4304733771		Federal	ow	P	+
RWU 43 (12-17B) RWU 44 (32-33C)	33	070S	240E	4304715171		Federal	GW	P	+
RWU 44-18B	18	070S	230E	4304733594		Federal	ow	P	1
RWU 44-30B	30	070S	230E	4304733772		Federal	ow	P	\vdash
RWU 45 (23-30B)	30	070S	230E	4304715172		Federal	ow	TA	†
RWU 46 (41-21C)	21	0708	240E	4304715173		Federal	GW	TA	+
RWU 49 (12-29B)	29	070S	230E	4304715175		Federal	ow	TA	†
RWU 5 (41-23B)	23	070S	230E	4304715138		Federal	ow	P	T
RWU 50 (14-23A)	23	070S	220E	4304715176		Federal	ow	P	\vdash
RWU 52 (14-18B)	18	070S	230E	4304715178		Federal	ow	TA	+
RWU 53 (41-25A)	25	070S	220E	4304715179		Federal	ow	TA	1
RWU 57 (12-18C)	18	0708	240E	4304715183		Federal	ow	P	T
RWU 63 (21-22B)	22	070S	230E	4304715186		Federal	GW	TA	
RWU 64 (32-27B)	27	070S	230E	4304715187	5670	Federal	ow	TA	
RWU 66 (34-18B)	18	070S	230E	4304715189	5670	Federal	ow	P	
RWU 67 (42-22B)	22	070S	230E	4304715190	5670	Federal	ow	TA	
RWU 69 (21-27B)	27	070S	230E	4304715191	5670	Federal	OW	TA	$oldsymbol{ol}}}}}}}}}}}}}}}}}}$
RWU 70 (23-22A)	22	070S	220E	4304715192	5670	Federal	OW	P	
RWU 71 (21-18C)	18	070S	240E	4304715193	5670	Federal	OW	P	
RWU 72 (23-27B)	27	070S	230E	4304715194		Federal	OW	TA	
RWU 74 (12-13B)	13	070S	230E	4304715196		Federal	GW	P	Щ
RWU 75 (21-26B)	26	070S	230E	4304715197		Federal	ow	TA	
RWU 76 (32-18C)	18	070S	240E	4304715198		Federal	GW	S	↓_
RWU 77 (21-13B)	13	070S	230E	4304715199		Federal	ow	P	
RWU 78 (32-28B)	28_	070S	230E	4304715200		Federal	ow	P	
RWU 79 (12-27B)	27	070S	230E	4304715201		Federal	OW	TA	\bot
RWU 8 (32-22B)	22	070S	230E	4304715139		Federal	OW	P	\perp
RWU 80 (14-27B)	27	070S	230E	4304715202		Federal	OW	P	╀
RWU 81 (41-31B)	31	070S	230E	4304715203		Federal	OW	P	+
RWU 83 (41-27A)	27	070S	220E	4304715205		Federal	OW	P	+
RWU 84 (44-14B)	14	070S	230E	4304715206		Federal	GW	P	+-
RWU 9 (43-23B)	23	070S	230E	4304715140		Federal	OW	P	+
RWU 90 (43-21B)	21	0708	230E	4304715211		Federal	OW	P	+
RWU 92 (11-23B)	23	070S	230E	4304715212		Federal	OW	TA	+
RWU 94 (12-22A)	22	0708	220E	4304715213		Federal	OW	P P	+
RWU 99 (12-22B)	22	0708		4304715218		Federal	OW	P	+
RED WASH UNIT 259	16	0708	230E	4304732785		State	OW	P	+-
RED WASH UNIT 260	16	0708	230E	4304732786		State	OW OW	P	+-
RWU 51 (12-16B)	16	0708		4304715177		State	OW	P	+
RWU ST 189 (41-16B)	16	0708	230E	4304715292	3670	State	- W	+	+
									1
		0700	2205	4204722720	5670	Fadoral	11/1	-	-+-
RED WASH UNIT 261 RWU 100-A (43-21A)	17	070S 070S		4304732739 4304715219		Federal Federal	WI WI	A	+

well name	Sec	Т	R	api	Entity	Lease Type	type	stat
RWU 102 (41-24A)	24	070S	220E	4304715221	5670	Federal	WI	Α
RWU 11	27	070S		4304715142		Federal	WI	A
RWU 11-19B	19	070S		4304733552	5670	Federal	WI	Α
RWU 11-20B	20	070S	230E	4304733553	5670	Federal	WI	Α
RWU 11-25A	25	070S	220E	4304733574	5670	Federal	WI	Α
RWU 11-29B	29	070S	230E	4304733590		Federal	WI	Α
RWU 11-30B	30	070S	230E	4304733785		Federal	WI	A
RWU 12-24A	24	070S	220E	4304733591		Federal	WI	A
RWU 13-19B	19	070S	230E	4304733497		Federal	WI	A
RWU 13-20B	20	0708	230E	4304733498		Federal	WI	A
RWU 13-25A	25	0708	220E	4304733575		Federal Federal	WI	A A
RWU 14 (14-13B)	13 22	070S 070S	230E 230E	4304715144		Federal	WI	A
RWU 148 (13-22B)	22	070S	230E	4304715263		Federal	WI	
RWU 150 (31-22B)	15	070S	230E	4304715267		Federal	WI	A
RWU 156 (23-15B) RWU 16 (43-28B)	28	070S	230E	4304716475		Federal	wi	<u> </u>
RWU 161 (14-20B)	20	070S	230E	4304715271		Federal	WI	i
RWU 17 (41-20B)	20	070S	230E	4304715146		Federal	WI	A
RWU 170 (41-15B)	15	070S	230E	4304716495		Federal	WI	I
RWU 173 (21-21B)	21	070S	230E	4304716496		Federal	WI	Α
RWU 174 (21-20B)	20	070S	230E	4304715281	5670	Federal	WI	A
RWU 182 (14-21B)	21	070S	230E	4304716497		Federal	WI	A
RWU 183 (33-13B)	13	070S	230E	4304715289		Federal	WI	A
RWU 185 (41-1B)	14	070S	230E	4304716498		Federal	WI	A
RWU 199 (43-22A)	22	070S	220E	4304715301		Federal	WI	A
RWU 2 (14-24B)	24	070S	230E	4304716472		Federal	WI	A
RWU 202 (21-34A)	34	0708	220E	4304715303		Federal	WI	1
RWU 213 (41-33B)	33	0708	230E	4304720060		Federal Federal	WD	A A
RWU 215 (43-28A)	28	070S 070S	220E 220E	4304730058		Federal	WI	A
RWU 216 (21-27A)	23	070S	230E	4304730103		Federal	WI	A
RWU 23 (21-23B) RWU 23-18C (97)	18	070S	240E	4304715216		Federal	WI	I
RWU 25-18C (97)	23	070S	230E	4304716476		Federal	WI	A
RWU 258 (34-22A)	22	070S	220E	4304730458		Federal	WI	Α
RWU 263 (24-26B)	26	070S	230E	4304730518	5670	Federal	WI	I
RWU 264 (31-35B)	35	070S	230E	4304730519	5670	Federal	WI	Α
RWU 266 (33-26B)	26	070S	230E	4304730521	5670	Federal	WI	I
RWU 268 (43-17B)	17	070S	230E	4304732980		Federal	WI	A
RWU 269 (13-26B)	26	0708	230E	4304730522		Federal	WI	I
RWU 271 (42-35B)	35	0708				Federal	WI	I
RWU 275 (31-26B)	26	070S	230E	4304731077		Federal	WI	A
RWU 279 (11-36B)	36	070S	230E	4304731052		Federal	WI	A
RWU 283 (43-18B)	18	0708	230E	4304732982		Federal	WI	A
RWU 31-19B	19	0708	230E	4304733555		Federal Federal	WI	A
RWU 31-25A	25 30	070S 070S	220E 230E	4304733577		Federal	WI	A
RWU 31-30B	19	070S	230E	4304733788		Federal	wi	A
RWU 33-19B RWU 33-20B	20	070S	230E	4304733500		Federal	WI	A
RWU 33-25A	25	070S	220E	4304733578		Federal	WI	A
RWU 33-30B	30	070S	230E	4304733790		Federal	WI	A
RWU 34 (23-14B)	14	070S	230E	4304715161		Federal	WI	Α
RWU 34-13A	13	070S	220E	4304733593		Federal	WI	A
RWU 34-24A	24	070S	220E	4304733568		Federal	WI	Α
RWU 48 (32-19B)	19	070S	230E	4304715174		Federal	WI	I
RWU 56 (41-28B)	28	070S	230E	4304715182		Federal	WI	A
RWU 59 (12-24B)	24	070S	230E	4304716477		Federal	WI	Α
RWU 6 (41-21B)	21	070S	230E	4304716482		Federal	WI	Α
RWU 61 (12-27A)	27	070S	220E	4304716478		Federal	WI	<u> </u>
RWU 68 (41-13B)	13	0708	230E	4304716485		Federal	WI	I
RWU 7 (41-27B)	27	0708	230E	4304716473		Federal	WI	I
RWU 88 (23-18B)	18	0708	230E	4304715210		Federal	WI	A
RWU 91 (33-22B)	22	0708	230E	4304716479		Federal	WI	A
RWU 93 (43-27B)	27	0708	230E	4304716480		Federal State	WI	I I
RWU 324 (23-16B)	16	070S	230E	4304733084	3070	State	1 44 1	1-



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

IN REPLY REFER TO UT-922

June 9, 2003

QEP Uinta Basin, Inc. 1050 17th Street, Suite 500 Denver, Colorado 80265

Re:

Red Wash Unit Uintah County, Utah

Gentlemen:

On May 30, 2003, we received an indenture dated February 1, 2003, whereby Shenandoah Energy, Inc. changed it name and QEP Uinta Basin, Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 9, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Red Wash Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the name change of unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)

SITLA

Division of Oil, Gas & Mining Minerals Adjudication Group

File - Red Wash Unit (w/enclosure)

Agr. Sec. Chron Fluid Chron

UT922:TAThompson:tt:6/9/03

JUL 0 7 2003

3104 (932.34)WF Nationwide Bond ESB000024

NOTICE

QEP Uinta Basin, Inc. 1050 17th Street Suite 500 Denver, Colorado 80265 Oil and Gas lease

Name Change Recognized

Acceptable evidence has been filed in this office concerning the name change of Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated. QEP Uinta Basin, Incorporated is the surviving entity. This name change is recognized effective April 17, 2003.

Eastern States will notify the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

If you identify other leases in which the merging entity maintain an interest, please contact this office and we will appropriately document those files with a copy of this notice.

If you have any questions, please contact Bill Forbes at 703-440-1536.

S/Wilber+ B Forbes

Wilbert B. Forbes
Land Law Examiner
Branch of Use Authorization
Division of Resources Planning,
Use and Protection

bc: JFO,MMS, ES RF, 930 RF, 932.34 RF, E-932: wbf:07 /07/03:440-1536/ QEP Unita Basin MFO

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

1. DJJ

								2. CDW					
Change of Operator (Well Sold)				X - Opera	K - Operator Name Change/Merger								
The operator of the well(s) listed below has chan	ged,	effectiv	/e:			1/1/2007							
FROM: (Old Operator):				TO: (New Or	perator):								
N2460-QEP Uinta Basin, Inc.				N5085-Questar	•	pany							
1050 17th St, Suite 500				•	th St, Suite	•							
Denver, CO 80265					, CO 80265								
Phone: 1 (303) 672-6900				Phone: 1 (303)	672-6900								
CA No.				Unit:	072 0300	RED WASI	H UNIT						
WELL NAME	SEC	TWN	IRNC	API NO	ENTITY	LEASE TYPE		WELL					
WELL NAME	SEC	, I VVI	· Kut	ATTNO	NO	LEASE IIIE	TYPE	STATUS					
SEE ATTACHED LISTS				*									
OPERATOR CHANGES DOCUMENT	A TI	ION											
Enter date after each listed item is completed	AII	ION											
1. (R649-8-10) Sundry or legal documentation was	as rec	eived f	rom the	FORMER ope	rator on:	4/19/2007							
2. (R649-8-10) Sundry or legal documentation wa				_		4/16/2007	•						
3. The new company was checked on the Depart .				=		Database on:	•	1/31/2005					
4a. Is the new operator registered in the State of U				Business Numb	-	764611-0143							
5a. (R649-9-2)Waste Management Plan has been re		ed on:		- IN PLACE			-						
5b. Inspections of LA PA state/fee well sites comp				n/a	-								
5c. Reports current for Production/Disposition & S				n/a	-								
6. Federal and Indian Lease Wells: The BI			e BIA I	as approved the	merger na	me change							
or operator change for all wells listed on Feder					BLM	4/23/2007	BIA						
7. Federal and Indian Units:	GI OI	111(41(411	TOUSOS C	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		- 1/25/2007		•					
The BLM or BIA has approved the successor	r of n	nit ope	rator fo	r wells listed on:	:	4/23/2007							
8. Federal and Indian Communization Ag		_			•								
The BLM or BIA has approved the operator			-	-									
9. Underground Injection Control ("UIC"					oved UIC F	orm 5, Transfer	of Autho	ority to					
Inject, for the enhanced/secondary recovery ur	-	oject fo	or the wa	ater disposal wel	ll(s) listed o	n:							
DATA ENTRY:	-			•	. ,			_					
1. Changes entered in the Oil and Gas Database	on:			4/30/2007 and	5/15/2007								
2. Changes have been entered on the Monthly O	perat	tor Cha	ange Sp	read Sheet on:		4/30/2007 and 5	5/15/2007	•					
3. Bond information entered in RBDMS on:				4/30/2007 and									
4. Fee/State wells attached to bond in RBDMS or				4/30/2007 and									
5. Injection Projects to new operator in RBDMS				4/30/2007 and									
6. Receipt of Acceptance of Drilling Procedures	or A.	PD/Ne	w on:		n/a								
BOND VERIFICATION:				TCD 000004									
1. Federal well(s) covered by Bond Number:				<u>FSB000024</u> 799446	-								
2. Indian well(s) covered by Bond Number:3a. (R649-3-1) The NEW operator of any state/fe		ille) lie	ted cov		umbor	965003033							
3b. The FORMER operator has requested a release		, ,		•	n/a		•						
LEASE INTEREST OWNER NOTIFIC		-	/ HOIII L	nen bond on.	ша	-							
4. (R649-2-10) The NEW operator of the fee wells			ontacted	l and informed b	v a letter fr	om the Division							
of their responsibility to notify all interest owner					n/a	om the Division							
						- 							
COMMENTS: THIS IS A COMPANY NAME (HAI	NGE.											

SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 1 (41-26B)	RW 41-26B	NENE	26	070S	230E	4304715135	5670	Federal	OW	TA
RWU 3 (34-23B)	RW 34-23B	SWSE	23	070S	230E	4304715136	5670	Federal	OW	P
RWU 4 (41-22B)	RW 41-22B	NENE	22	070S	230E	4304715137	5670	Federal	OW	TA
RWU 5 (41-23B)	RW 41-23B	NENE	23	070S	230E	4304715138	5670	Federal	ow	P
RWU 8 (32-22B)	RW 32-22B	SWNE	22	070S	230E	4304715139	5670	Federal	OW	P
RWU 9 (43-23B)	RW 43-23B	NESE	23	070S	230E	4304715140	5670	Federal	OW	P
RWU 10 (12-23B)	RW 12-23B	SWNW	23	070S	230E	4304715141	5670	Federal	OW	TA
RWU 11	RW 34-27B	SWSE	27	070S	230E	4304715142	99996	Federal	WI	A
RWU 13 (14-22B)	RW 14-22B	SWSW	22	070S	230E	4304715143	5670	Federal	OW	TA
RW 14-13B	RW 14-13B	SWSW	13	070S	230E	4304715144	99996	Federal	WI	A
RWU 15 (32-17C)	RW 32-17C	SWNE	17	070S	240E	4304715145	5670	Federal	OW	P
RWU 17 (41-20B)	RW 41-20B	NENE	20	070S	230E	4304715146	5670	Federal	WI	A
RWU 19 (34-26B)	RW 34-26B	SWSE	26	070S	230E	4304715148	5670	Federal	GW	S
RWU 21 (32-14B)	RW 32-14B	SWNE	14	070S	230E	4304715150	5670	Federal	OW	P
RWU 23 (21-23B)	RW 21-23B	SENW	23	070S	230E	4304715151	99996	Federal	WI	A
RWU 24 (34-14B)	RW 34-14B	SWSE	14	070S	230E	4304715152	5670	Federal	OW	S
RWU 26 (23-22B)	RW 23-22B	NESW	22	070S	230E	4304715153	5670	Federal	OW	TA
RWU 27 (43-14B)	RW 43-14B	NESE	14	070S	230E	4304715154	5670	Federal	OW	TA
RWU 28 (43-22B)	RW 43-22B	NESE	22	070S	230E	4304715155	5670	Federal	OW	P
RWU 29 (32-23B)	RW 32-23B	SWNE	23	070S	230E	4304715156	5670	Federal	OW	P
RW 23-13B	RW 23-13B	NESW	13	070S	230E	4304715157	5670	Federal	GW	TA
RWU 31 (34-22B)	RW 34-22B	SWSE	22	070S	230E	4304715158	5670	Federal	OW	P
RWU 33 (14-14B)	RW 14-14B	SWSW	14	070S	230E	4304715160	5670	Federal	GW	TA
RWU 34 (23-14B)	RW 23-14B	NESW	14	070S	230E	4304715161	99996	Federal	WI	A
RW 43-13B	RW 43-13B	NESE	13	070S	230E	4304715162	5670	Federal	OW	TA
RWU 36 (32-13B)	RW 32-13B	SWNE	13	070S	230E	4304715163	5670	Federal	GW	P
RWU 38 (14-23B)	RW 14-23B	SWSW	23	070S	230E	4304715165	5670	Federal	OW	P
RWU 39 (14-24A)	RW 14-24A	SWSW	24	070S	220E	4304715166	5670	Federal	OW	TA
RWU 40 (21-24B)	RW 21-24B	NENW	24	070S	230E	4304715167	5670	Federal	OW	TA
RWU 41 (34-13B)	RW 34-13B	SWSE	13	070S	230E	4304715168	5670	Federal	OW	P
RWU 42 (21-29C)	RW 21-29C	NENW	29	070S	240E	4304715169	5670	Federal	GW	P
RWU 43 (12-17B)	RW 12-17B	SWNW	17	070S	230E	4304715170	5670	Federal	OW	P
RWU 44 (32-33C)	RW 32-33C	SWNE	33	070S	240E	4304715171	5670	Federal	GW	P
RWU 45 (23-30B)	RW 23-30B	NESW	30	070S	230E	4304715172	5670	Federal	OW	TA
RWU 46 (41-21C)	RW 41-21C	NENE	21	070S	240E	4304715173	5670	Federal	GW	TA
RWU 48 (32-19B)	RW 32-19B	SWNE	19	070S	230E	4304715174		Federal	WI	I
RWU 49 (12-29B)	RW 12-29B	SWNW	29	070S	230E	4304715175		Federal	OW	TA
RWU 50 (14-23A)	RW 14-23A	SWSW	23	070S	220E	4304715176		Federal	OW	P
RWU 52 (14-18B)	RW 14-18B	SWSW	18	070S	230E	4304715178		Federal	OW	TA
RWU 53 (41-25A)	RW 41-25A	NENE	25	070S	220E	4304715179		Federal	OW	TA
RWU 56 (41-28B)	RW 41-28B	NENE	28	070S	230E			Federal	WI	A

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 57 (12-18C)	RW 12-18C	SWNW	18	070S	240E	4304715183	5670	Federal	OW	P
RWU 63 (21-22B)	RW 21-22B	NENW	22	070S	230E	4304715186	5670	Federal	GW	TA
RWU 64 (32-27B)	RW 32-27B	SWNE	27	070S	230E	4304715187	5670	Federal	OW	TA
RWU 66 (34-18B)	RW 34-18B	SWSE	18	070S	230E	4304715189	5670	Federal	OW	P
RWU 67 (42-22B)	RW 42-22B	SENE	22	070S	230E	4304715190	5670	Federal	OW	TA
RWU 69 (21-27B)	RW 21-27B	NENW	27	070S	230E	4304715191	5670	Federal	OW	TA.
RWU 70 (23-22A)	RW 23-22A	NESW	22	070S	220E	4304715192	5670	Federal	OW	P
RWU 71 (21-18C)	RW 21-18C	NENW	18	070S	240E	4304715193	5670	Federal	OW	P
RWU 72 (23-27B)	RW 23-27B	NESW	27	070S	230E	4304715194	5670	Federal	OW	TA
RWU 74 (12-13B)	RW 12-13B	SWNW	13	070S	230E	4304715196	5670	Federal	GW	S
RWU 75 (21-26B)	RW 21-26B	NENW	26	070S	230E	4304715197	5670	Federal	OW	TA
RWU 76 (32-18C)	RW 32-18C	SWNE	18	070S	240E	4304715198	5670	Federal	GW	P
RWU 77 (21-13B)	RWU 77 (21-13B)	NENW	13	070S	230E	4304715199	5670	Federal	OW	P
RWU 78 (32-28B)	RW 32-28B	SWNE	28	070S	230E	4304715200	5670	Federal	OW	P
RWU 79 (12-27B)	RW 12-27B	SWNW	27	070S	230E	4304715201	5670	Federal	OW	TA
RWU 80 (14-27B)	RW 14-27B	swsw	27	070S	230E	4304715202	5670	Federal	OW	S
RWU 81 (41-31B)	RW 41-31B	NENE	31	070S	230E	4304715203	5670	Federal	OW	P
RWU 83 (41-27A)	RW 41-27A	NENE	27	070S	220E	4304715205	5670	Federal	OW	P
RWU 84 (44-14B)	RW 44-14B	SESE	14	070S	230E	4304715206	5670	Federal	GW	P
RWU 88 (23-18B)	RW 23-18B	NESW	18	070S	230E	4304715210	5670	Federal	WI	A
RWU 90 (43-21B)	RW 43-21B	NESE	21	070S	230E	4304715211	5670	Federal	OW	P
RWU 92 (11-23B)	RW 11-23B	NWNW	23	070S	230E	4304715212	5670	Federal	OW	TA
RWU 94 (12-22A)	RW 12-22A	SWNW	22	070S	220E	4304715213	5670	Federal	OW	P
RWU 23-18C (97)	RW 23-18C	NESW	18	070S	240E	4304715216		Federal	WI	I
RWU 99 (12-22B)	RW 12-22B	SWNW	22	070S	230E	4304715218	5670	Federal	OW	P
RWU 100-A (43-21A)	RW 43-21A	NESE	21	070S	220E	4304715219	5670	Federal	WI	A
RWU 101 (34-21B)	RW 34-21B	SWSE	21	070S	230E	4304715220	5670	Federal	OW	P
RWU 102 (41-24A)	RW 41-24A	SENE	24	070S	220E	4304715221	5670	Federal	WI	A
RWU 103 (34-15B)	RW 34-15B	SWSE	15	070S	230E	4304715222	5670	Federal	OW	P
RWU 108 (32-21B)	RW 32-21B	SWNE	21	070S	230E	4304715226	5670	Federal	OW	P
RWU 109 (21-28B)	RW 21-28B	NENW	28	070S	230E	4304715227	5670	Federal	OW	P
RWU 110 (23-23A)	RW 23-23A	NESW	23	070S	220E	4304715228	5670	Federal	OW	P
RWU 111 (32-24A)	RW 32-24A	SWNE	24	070S	220E	4304715229	5670	Federal	OW	S
RWU 112 (32-28A)	RW 32-28A	SWNE	28	070S	220E	4304715230	-	Federal	OW	S
RWU 115 (21-19B)	RW 21-19B	NENW	19	070S	230E	4304715233	-	Federal	OW	P
RWU 119 (43-29A)	RW 43-29A	NESE	29	070S	220E	4304715236	5670	Federal	OW	P
RWU 120 (23-28B)	RW 23-28B	NESW	28	070S	230E	4304715237	5670	Federal	OW	TA
RW 13-13B	RW 13-13B	NWSW	13	070S	230E	4304715238	5670	Federal	GW	P
RWU 122 (24-14B)	RW 24-14B	SESW	14	070S	230E	4304715239		Federal	OW	P
RWU 125 (34-19B)	RW 34-19B	SWSE	19	070S	230E	4304715242	5670	Federal	OW	TA
RWU 126 (41-29A)	RW 41-29A	NENE	29	070S	220E	4304715242		Federal	OW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085) RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 127 (12-19B)	RW 12-19B	SWNW	19	070S	230E	4304715244	5670	Federal	OW	S
RWU 129 (14-15B)	RW 14-15B	SWSW	15	070S	230E	4304715246	5670	Federal	OW	P
RWU 133 (41-34B)	RW 41-34B	NENE	34	070S	230E	4304715250	5670	Federal	OW	P
RWU 136 (43-19B)	RW 43-19B	NESE	19	070S	230E	4304715252	5670	Federal	OW	TA
RWU 137 (34-28B)	RW 34-28B	SWSE	28	070S	230E	4304715253	5670	Federal	GW	TA
RWU 138 (41-30B)	RW 41-30B	NENE	30	070S	230E	4304715254	5670	Federal	OW	P
RWU 140 (24-22B)	RW 24-22B	SESW	22	070S	230E	4304715255	5670	Federal	OW	P
RWU 141 (11-27B)	RW 11-27B	NWNW	27	070S	230E	4304715256	5670	Federal	OW	TA
RWU 143 (33-14B)	RW 33-14B	NWSE	14	070S	230E	4304715257	5670	Federal	OW	P
RWU 144 (21-18B)	RW 21-18B	NENW	18	070S	230E	4304715258	5670	Federal	OW	TA
RW 24-13B	RW 24-13B	SESW	13	070S	230E	4304715259	5670	Federal	OW	TA
RWU 147 (22-22B)	RW 22-22B	SENW	22	070S	230E	4304715260	5670	Federal	OW	TA
RWU 148 (13-22B)	RW 13-22B	NWSW	22	070S	230E	4304715261	_	Federal	WI	A
RWU 150 (31-22B)	RW 31-22B	NWNE	22	070S	230E	4304715263		Federal	WI	I
RWU 151 (42-14B)	RW 42-14B	SENE	14	070S	230E	4304715264	5670	Federal	OW	P
RWU 153 (14-29B)	RW 14-29B	swsw	29	070S	230E	4304715265	5670	Federal	OW	P
RWU 156 (23-15B)	RW 23-15B	NESW	15	070S	230E	4304715267		Federal	WI	A
RWU 158 (32-30B)	RW 32-30B	SWNE	30	070S	230E	4304715268		Federal	OW	P
RWU 160 (32-15B)	RW 32-15B	SWNE	15	070S	230E	4304715270		Federal	OW	P
RWU 161 (14-20B)	RW 14-20B	SWSW	20	070S	230E	4304715271	-	Federal	WI	I
RWU 162 (12-20B)	RW 12-20B	SWNW	20	070S	230E	4304715272		Federal	OW	P
RWU 164 (12-28B)	RW 12-28B	SWNW	28	070S	230E	4304715274	5670	Federal	OW	P
RWU 165 (32-26B)	RW 32-26B	SWNE	26	070S	230E	4304715275	5670	Federal	GW	TA
RWU 167 (23-21B)	RW 23-21B	NESW	21	070S	230E	4304715277	5670	Federal	OW	S
RWU 168 (23-24B)	RW 23-24B	NESW	24	070S	230E	4304715278	5670	Federal	OW	TA
RWU 172 (21-30B)	RW 21-30B	NENW	30	070S	230E	4304715280	5670	Federal	OW	TA
RWU 174 (21-20B)	RW 21-20B	NENW	20	070S	230E	4304715281	5670	Federal	WI	A
RWU 176 (31-28B)	RW 31-28B	NWNE	28	070S	230E	4304715283	5670	Federal	OW	TA
RWU 177 (42-28B)	RW 42-28B	SENE	28	070S	230E	4304715284	5670	Federal	OW	TA
RW 22-13B	RW 22-13B	SENW	13	070S	230E	4304715285	5670	Federal	OW	TA
RWU 180 (31-23B)	RW 31-23B	NWNE	23	070S	230E	4304715287	5670	Federal	OW	TA
RWU 181 (34-30B)	RW 34-30B	SWSE	30	070S	230E	4304715288	5670	Federal	OW	P
RW 33-13B	RW 33-13B	NWSE	13	070S	230E	4304715289	5670	Federal	WI	A
RWU 184 (23-26B)	RW 23-26B	NESW	26	070S	230E	4304715290		Federal	GW	S
RWU 188 (23-20B)	RW 23-20B	NESW	20	070S	230E	4304715291		Federal	OW	TA
RWU 192 (41-33A)	RW 41-33A	NENE	33	070S	220E	4304715294		Federal	OW	P
RWU 193 (43-24B)	RW 43-24B	NESE	24	070S	230E	4304715295		Federal	GW	TA
RWU 194 (12-14B)	RW 12-14B	SWNW	14	070S	230E	4304715296		Federal	OW	S
RWU 196 (23-17C)	RW 23-17C	NESW	17	070S	240E	4304715298		Federal	GW	TA
RWU 199 (43-22A)	RW 43-22A	NESE	22	070S	220E	4304715301		Federal	WI	A
RWU 201 (32-28C)	RW 32-28C	SWNE	28	070S	240E	4304715301		Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 202 (21-34A)	RW 21-34A	NENW	34	070S	220E	4304715303	99996	Federal	WI	I
RWU 204 (23-25A)	RW 23-25A	NESW	25	070S	220E	4304715305	5670	Federal	OW	P
RWU 205 (23-21C)	RW 23-21C	NESW	21	070S	240E	4304715306	5670	Federal	GW	TA
RWU 2 (14-24B)	RW 14-24B	swsw	24	070S	230E	4304716472		Federal	WI	A
RWU 7 (41-27B)	RW 41-27B	NENE	27	070S	230E	4304716473		Federal	WI	I
RWU 16 (43-28B)	RW 43-28B	NESE	28	070S	230E	4304716475		Federal	WI	I
RWU 25 (23-23B)	RW 23-23B	NESW	23	070S	230E	4304716476		Federal	WI	A
RWU 59 (12-24B)	RW 12-24B	SWNW	24	070S	230E	4304716477		Federal	WI	A
RWU 61 (12-27A)	RW 12-27A	SWNW	27	070S	220E	4304716478		Federal	WI	I
RWU 91 (33-22B)	RW 33-22B	NWSE	22	070S	230E	4304716479		Federal	WI	A
RWU 93 (43-27B)	RW 43-27B	NESE	27	070S	230E	4304716480		Federal	WI	I
RWU 6 (41-21B)	RW 41-21B	NENE	21	070S	230E	4304716482		Federal	WI	A
RWU 68 (41-13B)	RW 41-13B	NENE	13	070S	230E	4304716485		Federal	WI	I
RWU 170 (41-15B)	RW 41-15B	NENE	15	070S	230E	4304716495		Federal	WI	I
RWU 173 (21-21B)	RW 21-21B	NENW	21	070S	230E	4304716496		Federal	WI	A
RWU 182 (14-21B)	RW 14-21B	swsw	21	070S	230E	4304716497	99996	Federal	WI	A
RWU 185 (41-1B)	RW 41-14B	NENE	14	070S	230E	4304716498		Federal	WI	A
RWU 212 (41-8F)	RW 41-8F	NENE	08	080S	240E	4304720014	5670	Federal	GW	P
RWU 213 (41-33B)	RW 41-33B	NENE	33	070S	230E	4304720060		Federal	WD	A
RWU 215 (43-28A)	RW 43-28A	NESE	28	070S	220E	4304730058		Federal	WD	A
RWU 216 (21-27A)	RW 21-27A	NENW	27	070S	220E	4304730103		Federal	WI	Α
RWU 219 (44-21C)	RW 44-21C	SESE	21	070S	240E	4304730149	5670	Federal	GW	S
RWU 220 (22-23B)	RW 22-23B	SENW	23	070S	230E	4304730192	5670	Federal	OW	TA
RWU 221 (13-27B)	RW 13-27B	NWSW	27	070S	230E	4304730199	5670	Federal	OW	TA
RWU 222 (31-27B)	RW 31-27B	NWNE	27	070S	230E	4304730200	5670	Federal	GW	TA
RWU 224 (44-22B)	RW 44-22B	SESE	22	070S	230E	4304730202	5670	Federal	GW	TA
RWU 225 (13-23B)	RW 13-23B	NWSW	23	070S	230E	4304730212	5670	Federal	GW	TA
RWU 226 (24-23B)	RW 24-23B	SESW	23	070S	230E	4304730249	5670	Federal	GW	S
RWU 227 (14-26B)	RW 14-26B	SWSW	26	070S	230E	4304730257	5670	Federal	OW	TA
RWU 228 (21-34B)	RW 21-34B	NENW	34	070S	230E	4304730258	5670	Federal	ow	P
RWU 229 (43-26B)	RW 43-26B	NESE	26	070S	230E	4304730259	5670	Federal	OW	TA
RWU 230 (14-18C)	RW 14-18C	SWSW	18	070S	240E	4304730309	5670	Federal	ow	P
RWU 231 (21-35B)	RW 21-35B	NENW	35	070S	230E	4304730310	5670	Federal	ow	TA
RWU 232 (12-26B)	RW 12-26B	SWNW	26	070S	230E	4304730311	5670	Federal	OW	TA
RWU 233 (12-25B)	RW 12-25B	SWNW	25	070S	230E	4304730312		Federal	OW	TA
RWU 234 (32-24B)	RW 32-24B	SWNE	24	070S	230E	4304730313		Federal	OW	P
RWU 235 (34-18C)	RW 34-18C	SWSE	18	070S	240E	4304730314		Federal	OW	S
RWU 236 (21-19C)	RW 21-19C	NENW	19	070S	240E	4304730340		Federal	GW	P
RWU 237 (14-25B)	RW 14-25B	SWSW	25	070S	230E	4304730341		Federal	OW	P
RWU 238 (32-35B)	RW 32-35B	SWNE	35	070S	230E	4304730342		Federal	OW	TA
RWU 239 (41-35B)	RW 41-35B	NENE	35	070S	230E	4304730343		Federal	OW	TA

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 240 (12-36B)	RW 12-36B	SWNW	36	070S	230E	4304730344	5670	Federal	OW	S
RWU 241 (22-14B)	RW 22-14B	SENW	14	070S	230E	4304730345	5670	Federal	OW	P
RW 42-13B	RW 42-13B	SENE	13	070S	230E	4304730346	5670	Federal	OW	P
RWU 243 (42-18C)	RW 42-18C	SENE	18	070S	240E	4304730347	5670	Federal	OW	TA
RWU 244 (23-19C)	RW 23-19C	NESW	19	070S	240E	4304730348	5670	Federal	GW	P
RWU 246 (22-18C)	RW 22-18C	SENW	18	070S	240E	4304730387	5670	Federal	OW	P
RWU 247 (22-17C)	RW 22-17C	SENW	17	070S	240E	4304730388	5670	Federal	GW	P
RWU 258 (34-22A)	RW 34-22A	SWSE	22	070S	220E	4304730458	5670	Federal	WI	A
RWU 262 (22-26B)	RW 22-26B	SENW	26	070S	230E	4304730517	5670	Federal	GW	TA
RWU 263 (24-26B)	RW 24-26B	SESW	26	070S	230E	4304730518		Federal	WI	I
RWU 264 (31-35B)	RW 31-35B	NWNE	35	070S	230E	4304730519		Federal	WI	A
RWU 265 (44-26B)	RW 44-26B	SESE	26	070S	230E	4304730520	5670	Federal	GW	P
RWU 266 (33-26B)	RW 33-26B	NWSE	26	070S	230E	4304730521		Federal	WI	I
RWU 269 (13-26B)	RW 13-26B	NWSW	26	070S	230E	4304730522		Federal	WI	A
RWU 273 (42-27B)	RW 42-27B	SENE	27	070S	230E	4304731051	5670	Federal	OW	TA
RWU 279 (11-36B)	RW 11-36B	NWNW	36	070S	230E	4304731052	99996	Federal	WI	A
RWU 276 (44-27B)	RW 44-27B	SESE	27	070S	230E	4304731053	5670	Federal	OW	TA
RWU 272 (44-23B)	RW 44-23B	SESE	23	070S	230E	4304731054	5670	Federal	GW	P
RWU 278 (11-26)	RW 11-26	NWNW	26	070S	230E	4304731076	5670	Federal	GW	TA
RWU 275 (31-26B)	RW 31-26B	NWNE	26	070S	230E	4304731077		Federal	WI	A
RWU 280 (11-35B)	RW 11-35B	NWNW	35	070S	230E	4304731079	5670	Federal	OW	P
RWU 282 (42-26B)	RW 42-26B	SENE	26	070S	230E	4304731080	5670	Federal	GW	TA
RWU 271 (42-35B)	RW 42-35B	SENE	35	070S	230E	4304731081	5670	Federal	WI	I
RWU 270 (22-35B)	RW 22-35B	SENW	35	070S	230E	4304731082	5670	Federal	OW	P
RWU 284 (33-23B)	RW 33-23B	NWSE	23	070S	230E	4304731476	5670	Federal	GW	TA
RWU 285 (11-24B)	RW 11-24B	NWNW	24	070S	230E	4304731477	5670	Federal	OW	P
RWU 286 (42-21B)	RW 42-21B	SENE	21	070S	230E	4304731478	5670	Federal	OW	P
RW 44-13B	RW 44-13B	SESE	13	070S	230E	4304731512	5670	Federal	OW	TA
RWU 288 (24-27)	RW 24-27	SESW	27	070S	230E	4304731513	5670	Federal	OW	TA
RWU 289 (13-24B)	RW 13-24B	NWSW	24	070S	230E	4304731517	5670	Federal	OW	P
RWU 292 (42-23B)	RW 42-23B	SENE	23	070S	230E	4304731576	5670	Federal	GW	TA
RWU 295 (11-22B)	RW 11-22B	NWNW	22	070S	230E	4304731577	5670	Federal	GW	TA
RWU 296 (12-35B)	RW 12-35B	SWNW	35	070S	230E	4304731578	5670	Federal	OW	S
RWU 297 (24-15B)	RW 24-15B	SESW	15	070S	230E	4304731579		Federal	OW	P
RWU 293 (22-22A)	RW 22-22A	SENW	22	070S	220E	4304731581		Federal	OW	TA
RWU 294 (24-18C)	RW 24-18C	SESW	18	070S	240E	4304731582		Federal	GW	P
RWU 298 (22-27B)	RW 22-27B	SENW	27	070S	230E	4304731679		Federal	OW	TA
RWU 301 (43-15B)	RW 43-15B	NESE	15	070S	230E	4304731682		Federal	GW	TA
RWU 302 (22-24B)	RW 22-24B	SENW	24	070S	230E	4304731683		Federal	GW	TA
RWU 303 (34-17B)	RW 34-17B	SWSE	17	070S	230E	4304731819		Federal	OW	P
RED WASH 305 (41-4F)	RW 41-4F	C-NE	04	080S	240E	4304732538		Federal	GW	TA

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RED WASH 306	RW 23-23C	NESW	23	070S	240E	4304732629	5670	Federal	GW	P
RWU 207	RW 14-17B	SWSW	17	070S	230E	4304732738	5670	Federal	OW	P
RED WASH UNIT 261	RW 23-17B	NESW	17	070S	230E	4304732739	5670	Federal	WI	A
RWU 268 (43-17B)	RW 43-17B	NESE	17	070S	230E	4304732980	5670	Federal	WI	A
RWU 267 (32-17B)	RW 32-17B	SWNE	17	070S	230E	4304732981	5670	Federal	OW	P
RWU 283 (43-18B)	RW 43-18B	NESE	18	070S	230E	4304732982	5670	Federal	WI	A
RWU 299 (32-18B)	RW 32-18B	SWNE	18	070S	230E	4304733018	5670	Federal	OW	P
RWU 42-20B	RW 42-20B	SENE	20	070S	230E	4304733490	5670	Federal	OW	P
RWU 22-20B	RW 22-20B	SENW	20	070S	230E	4304733491	5670	Federal	OW	S
RWU 24-19B	RW 24-19B	SESW	19	070S	230E	4304733492	5670	Federal	OW	P
RWU 13-19B	RW 13-19B	NWSW	19	070S	230E	4304733497	5670	Federal	WI	A
RWU 13-20B	RW 13-20B	NWSW	20	070S	230E	4304733498	5670	Federal	WI	A
RWU 33-19B	RW 33-19B	NWSE	19	070S	230E	4304733499	5670	Federal	WI	A
RWU 33-20B	RW 33-20B	NWSE	20	070S	230E	4304733500	5670	Federal	WI	A
RED WASH 22-21B	RW 22-21B	SENW	21	070S	230E	4304733522	5670	Federal	OW	S
RED WASH 24-20B	RW 24-20B	SESW	20	070S	230E	4304733523	5670	Federal	OW	P
RED WASH 44-19B	RW 44-19B	SESE	19	070S	230E	4304733524	5670	Federal	OW	P
RED WASH 44-20B	RW 44-20B	SESE	20	070S	230E	4304733525	5670	Federal	OW	P
RWU 11-19B	RW 11-19B	NWNW	19	070S	230E	4304733552	5670	Federal	WI	A
RWU 11-20B	RW 11-20B	NWNW	20	070S	230E	4304733553	5670	Federal	WI	A
RWU 24-18B	RW 24-18B	SESW	18	070S	230E	4304733554	5670	Federal	OW	P
RWU 31-19B	RW 31-19B	NWNE	19	070S	230E	4304733555	5670	Federal	WI	A
RWU 42-19B	RW 42-19B	SENE	19	070S	230E	4304733556	5670	Federal	OW	P
RWU 22-19B	RW 22-19B	SENW	19	070S	230E	4304733559	5670	Federal	OW	P
RWU 23-24A	RW 23-24A	NESW	24	070S	220E	4304733567	5670	Federal	OW	P
RWU 34-24A	RW 34-24A	SWSE	24	070S	220E	4304733568	5670	Federal	WI	A
RWU 42-24A	RW 42-24A	SENE	24	070S	220E	4304733569	5670	Federal	OW	S
RWU 11-25A	RW 11-25A	NWNW	25	070S	220E	4304733574	5670	Federal	WI	A
RWU 13-25A	RW 13-25A	NWSW	25	070S	220E	4304733575	5670	Federal	WI	A
RWU 21-25A	RW 21-25A	NENW	25	070S	220E	4304733576	5670	Federal	OW	P
RWU 31-25A	RW 31-25A	NWNE	25	070S	220E	4304733577	5670	Federal	WI	A
RWU 33-25A	RW 33-25A	NWSE	25	070S	220E	4304733578	5670	Federal	WI	A
RW 41-25AX	RW 41-25A	NENE	25	070S	220E	4304733579	5670	Federal	OW	P
RWU 42-25A	RWU 42-25A	SENE	25	070S	220E	4304733580	5670	Federal	OW	TA
RWU 11-29B	RW 11-29B	NWNW	29	070S	230E	4304733590		Federal	WI	A
RWU 12-24A	RW 12-24A	SWNW	24	070S	220E	4304733591	5670	Federal	WI	Á
RWU 21-24A	RW 21-24A	NENW	24	070S	220E	4304733592	5670	Federal	OW	P
RWU 34-13A	RW 34-13A	SWSE	13	070S	220E	4304733593	5670	Federal	WI	A
RWU 44-18B	RW 44-18B	SESE	18	070S	230E	4304733594		Federal	OW	P
RW 22-13A	RW 22-13A	SENW	13	070S	220E	4304733765		Federal	OW	S
RWU 22-29B	RW 22-29B	SENW	29		230E	4304733766		Federal	OW	S

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 41-24A	RW 41-24A	NENE	24	070S	220E	4304733769	5670	Federal	OW	D
RWU 42-30B	RW 42-30B	SENE	30	070S	230E	4304733769	5670	Federal	OW	P
RWU 44-30B	RWU 44-30B	SESE	30	070S	230E	4304733771	5670	Federal	OW	P
RWU 11-30B	RW 11-30B	NWNW	30	070S	230E	4304733772	5670	Federal	WI	
RWU 22-25A	RW 22-25A	SENW	25	070S	230E	4304733786	5670	Federal	OW	A P
RWU 31-30B	RW 31-30B	NWNE	30	070S	230E	4304733788	5670	Federal	WI	A
RWU 33-30B	RW 33-30B	NWSE	30	070S	230E	4304733788	5670	Federal	WI	A
RED WASH U 34-27C	RW 34-27C	SWSE	27	070S	240E	4304735790	5670	Federal	GW	P
RWU 34-22C	RW 34-22C	SWSE	22	070S	240E	4304735098	5670	Federal	GW	P
RW 12G-20C	RW 12G-20C	SWNW	20	070S	240E	4304735239	14011	Federal	GW	S
RW 43G-08F	RW 43G-08F	NESE	08	080S	240E	4304735655	14011	Federal	GW	APD
RW 22G-09F	RW 22G-09F	SENW	09	080S	240E	4304735656	15636	Federal	GW	OPS
RWU 34-23AG	RW 34-23AG	SWSE	23	070S	220E	4304735668	5670	Federal	OW	P
RWU 34-27AG	RWU 34-27AD	SWSE	27	070S	220E	4304735669	5670	Federal	OW	DRL
RWU 32-27AG	RWU 32-27AG	SWNE	27	070S	220E	4304735670	5670	Federal	OW	S
RW 14-34AMU	RW 14-34AMU	SWSW	34	070S	220E	4304735671		Federal	GW	P
RW 12-08FG	RW 12-08FG	SWNW	08	080S	240E	4304736348		Federal	GW	APD
RW 44-08FG	RW 44-08FG	SESE	08	080S	240E	4304736349	15261	Federal	GW	P
RW 12-17FG	RW 12-17FG	SWNW	17	080S	240E	4304736350		Federal	GW	APD
RW 34-34 AMU	RW 34-34 AD	SWSE	34	070S	220E	4304736351		Federal	GW	APD
RW 44-35 AMU	RW 44-35 AMU	SESE	35	070S	220E	4304736352		Federal	GW	APD
RW 14-35 AMU	RW 14-35 AMU	SWSW	35	070S	220E	4304736354		Federal	GW	APD
RW 33-31 BMU	RW 33-31 BD	NWSE	31	070S	230E	4304736357		Federal	GW	APD
RW 13-31 BMU	RW 13-31 BD	NWSW	31	070S	230E	4304736358		Federal	GW	APD
RW 32-15FG	RW 32-15FG	SWNE	15	080S	240E	4304736443		Federal	GW	APD
RW 21-26AG	RW 21-26AD	NENW	26	070S	220E	4304736768		Federal	OW	APD
RW 43-26AG	RW 43-26AG	NESE	26	070S	220E	4304736769		Federal	OW	APD
RW 43-23AG	RW 43-23AG	NESE	23	070S	220E	4304736770		Federal	OW	APD
RW 41-26AG	RW 41-26AG	NENE	26	070S	220E	4304736818		Federal	OW	APD
RW 04-25BG	RW 04-25B	NWSW	25	070S	230E	4304736982		Federal	OW	APD
RW 01-25BG	RW 01-25BG	NWNW	25	070S	230E	4304736983		Federal	OW	APD
RW 04-26BG	RW 04-26BG	SESW	26	070S	230E	4304736984		Federal	OW	APD
RW 01-26BG	RW 01-26BG	SWNW	26	070S	230E	4304736985		Federal	OW	APD
RW 01-35BG	RW 01-35BG	SWNW	35	070S	230E	4304736986		Federal	OW	APD

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 51 (12-16B)	RW 12-16B	SWNW	16	070S	230E	4304715177	5670	State	OW	P
RWU ST 189 (41-16B)	RW 41-16B	NENE	16	070S	230E	4304715292	5670	State	OW	S
RED WASH UNIT 259	RW 14-16B	swsw	16	070S	230E	4304732785	5670	State	OW	P
RED WASH UNIT 260	RW 34-16B	SWSE	16	070S	230E	4304732786	5670	State	OW	P
RWU 324 (23-16B)	RW 23-16B	SESW	16	070S	230E	4304733084	5670	State	WI	OPS
RWU 21W-36A	RWU 21W-36A	NENW	36	070S	220E	4304733730		State	GW	LA
RWU 21G-36A	RWU 21G-36A	NENW	36	070S	220E	4304733731		State	OW	LA
RWU 41-36A	RWU 41-36A	NENE	36	070S	220E	4304733732		State	OW	LA
RWU 43-16B	RWU 43-16B	NESE	16	070S	230E	4304733733		State	OW	LA
RWU 21-16B	RWU 21-16B	NENW	16	070S	230E	4304733734		State	OW	LA
RWU 11-36A	RWU 11-36A	NWNW	36	070S	220E	4304733736		State	OW	LA
RWU 13-36A	RWU 13-36A	NWSW	36	070S	220E	4304733737		State	OW	LA
RW 32G-16C	RW 32G-16C	SWNE	16	070S	240E	4304735238	5670	State	GW	P
RW 14-36AMU	RW 14-36AMU	SWSW	36	070S	220E	4304736721		State	GW	APD
RW 01-36BG	RW 01-36BG	NWNW	36	070S	230E	4304736887	5670	State	OW	S
RW 24-16BG	RW 24-16BG	SESW	16	070S	230E	4304737746	5670	State	OW	DRL
RW 12-32BG	RW 12-32BG	SWNW	32	070S	230E	4304737946	15841	State	GW	DRL

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL. GAS AND MINING

		DIVISION	N OF OIL, GAS AND	MININ	1G			ASE DESIGNATION AND SERIAL NUMBER:
	SUNDRY	NOTIC	ES AND REPOR	TS C	N WEL	LS		NDIAN, ALLÖTTEE OR TRIBE NAME:
Do	not use this form for proposals to drill n drill horizontal le	ew wells, signii sterals. Use Af	ficantly deepen existing wells below	v current l	oottom-hole dep	th, reenter plugged wells, or to	7. UN \$66	T or CA AGREEMENT NAME:
	YPE OF WELL OIL WELL		SAS WELL OTHE				8. WE	LL NAME and NUMBER:
	AME OF OPERATOR							NUMBER:
	JESTAR EXPLORATIO	N AND P	RODUCTION COMP	ANY		PHONE NUMBER:		IChed ELD AND POOL, OR WILDCAT:
10	50 17th Street Suite 500 Gir	Denver	STATE CO	_{ZIP} 802	265	(303) 308-3068		LED AND FOOL, ON WILDON'T.
	OCATION OF WELL OOTAGES AT SURFACE: attach	ed					COUN	ту: Uintah
Q	TR/QTR, SECTION, TOWNSHIP, RAN	GE, MERIDIAN	4:				STATE	: UTAH
11.	CHECK APP	ROPRIAT	E BOXES TO INDIC	ATE I	NATURE	OF NOTICE, REP	ORT, O	R OTHER DATA
	TYPE OF SUBMISSION				Т	YPE OF ACTION		
Z	NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	CASIN	ZE R CASING IG REPAIR GE TO PREVIOUS PLANS		DEEPEN FRACTURE NEW CONS OPERATOR	TRUCTION		REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR
	SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	CHAN	GE TUBING GE WELL NAME GE WELL STATUS MINGLE PRODUCING FORMATION	us [RECLAMATI	ON (START/RESUME) ON OF WELL SITE		WATER DISPOSAL WATER SHUT-OFF OTHER: Operator Name Change
12.	DECORPORATE ADDRESS AT 44	<u> </u>	ERT WELL TYPE	<u> </u>		TE - DIFFERENT FORMATIO		Onlinge
Eff AN cha on Fe Uta Fe Cu atta	rective January 1, 2007 of ID PRODUCTION COM ange of operator is involute attached list. All operator Bond Number: 96 ah State Bond Number: e Land Bond Number: prent operator of record, ached list.	operator (IPANY. 1) IVed. The perations (5002976) 9650030, QEP UII	of record, QEP Uinta This name change inverse same employees with will continue to be co (BLM Reference No.) 33 033 NTA BASIN, INC, he STAR EXPLORATIO roperties as describe	Basin volves Il cont vered ESB reby r lay B. N ANI d on t	esigns as Neese, E	hereafter be known ternal corporate no e responsible for on humbers: operator of the pro- executive Vice Pre- executive Vice Pre-	n as Quame ch peration operties sident, Q Y, herel	as of the properties described as described on the QEP Uinta Basin, Inc. by assumes all rights, duties
				wues!	aı Explor			
NAM	(PLEASE PRINT) Debrá K. S	tanberry	2 /		TITLE	Supervisor, Reg	gulatory	Affairs
SIGN	ATURE /	5	Sporterny		DATE	3/16/2007		
his sp	ace for State use only)				******			

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FORM 9

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL. GAS AND MINING

	DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
SUNDRY	NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
Do not use this form for proposals to drill ne drill horizontal late	www.ells, significantly deepen existing wells below current bottom-hole depth, reenter plugged well erals Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME: SOE attached
1 TYPE OF WELL OIL WELL	GAS WELL OTHER	8. WELL NAME and NUMBER:
2. NAME OF OPERATOR:		see attached 9. API NUMBER:
QUESTAR EXPLORATION 3 ADDRESS OF OPERATOR	N AND PRODUCTION COMPANY	attached
	Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 308-30	10. FIELD AND POOL, OR WILDCAT:
4 LOCATION OF WELL FOOTAGES AT SURFACE attache	_	соимту: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANG	DE, MERIDIAN:	STATE: UTAH
11. CHECK APPR	OPRIATE BOXES TO INDICATE NATURE OF NOTICE, F	REPORT OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
PER THE ATTACHED LIST	ACIDIZE DEEPEN ALTER CASING FRACTURE TREAT CASING REPAIR NEW CONSTRUCTION CHANGE TO PREVIOUS PLANS OPERATOR CHANGE CHANGE TUBING PLUG AND ABANDON CHANGE WELL NAME PLUG BACK CHANGE WELL STATUS PRODUCTION (START/RESUME) COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORM APLETED OPERATIONS. Clearly show all pertinent details including dates, depths TOF WELLS, QUESTAR EXPLORATION AND PRODUCT BE UPDATED IN YOUR RECORDS.	, volumes, etc.

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United States Department of the Interior

BUREAU OF LAND MANAGEMENT Utah State Office

P.O. Box 45155 Salt Lake City, UT 84145-0155



IN REPLY REFER TO 3180 UT-922

April 23, 2007

Questar Exploration and Production Company 1050 17th Street, Suite 500 Denver, Colorado 80265

Re:

Red Wash Unit Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble Acting Chief, Branch of Fluid Minerals

Enclosure

bcc:

Field Manager - Vernal (w/enclosure)

SITLA

Division of Oil, Gas & Mining

File - Red Wash Unit (w/enclosure)

Agr. Sec. Chron Reading File Central Files

UT922:TAThompson:tt:4/23/07

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DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

(for state use only)

ROUTING	Ì
CDW	

Change of Operator (Well Sold)			X -	Operator	· Name Chan	σe					
The operator of the well(s) listed below has char	nged, e	ffecti	ve:	6/14/2010							
FROM: (Old Operator): N5085-Questar Exploration and Production Comp. 1050 17th St, Suite 500 Denver, CO 80265	TO: (New Operator): N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265										
Phone: 1 (303) 308-3048				Phone: 1 (303) 308-3048							
CA No.				Unit:		RED W	VASH	· · · · · · · · · · · · · · · · · · ·			
WELL NAME		TWN	RNG	API NO	ENTITY	LEASE TYPE		WELL			
SEE ATTACHED	 		Γ -		NO		TYPE	STATUS			
								 			
OPERATOR CHANGES DOCUMENT Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation wa 2. (R649-8-10) Sundry or legal documentation wa 3. The new company was checked on the Depart 4a. Is the new operator registered in the State of U 5a. (R649-9-2) Waste Management Plan has been re 5b. Inspections of LA PA state/fee well sites comp 5c. Reports current for Production/Disposition & S	as received lete on	ived fived fif Con	rom the nmerce	NEW operator	on: orporations	6/28/2010 6/28/2010 s Database on: 764611-0143		6/24/2010			
 6. Federal and Indian Lease Wells: The BL or operator change for all wells listed on Federal. 7. Federal and Indian Units: The BLM or BIA has approved the successor. 8. Federal and Indian Communization Agrange and Indian Communization. 	al or In of uni	idian l t oper	leases of rator for ("CA")	n: wells listed on:	BLM	8/16/2010	BIA	not yet			
The BLM or BIA has approved the operator of 9. Underground Injection Control ("UIC")	for all v	wells !	listed w	ithin a CA on:	5 T	N/A					
Inject, for the enhanced/secondary recovery un	it/proid	ect for	наs ар r the wa	proveu OIC ro ter disposal wel	oriii 2 Itai Us) listed o						
DATA ENTRY: 1. Changes entered in the Oil and Gas Database	on:			6/30/2010	ll(s) listed o	n:	6/29/2010				
 Changes have been entered on the Monthly Op Bond information entered in RBDMS on: Fee/State wells attached to bond in RBDMS on Injection Projects to new operator in RBDMS on Receipt of Acceptance of Drilling Procedures for 	: on:			read Sheet on: 6/30/2010 6/30/2010 6/30/2010	n/a	6/30/2010					
BOND VERIFICATION:		<i>></i> / 1 \ \ \	on.		II/a						
 Federal well(s) covered by Bond Number: Indian well(s) covered by Bond Number: (R649-3-1) The NEW operator of any state/fe The FORMER operator has requested a release LEASE INTEREST OWNER NOTIFIC 	e of lia	bility	ed cove	ESB000024 965010693 red by Bond Nu eir bond on:	ımber n/a	965010695					
4. (R649-2-10) The NEW operator of the fee wells			ntacted	and informed by	v a letter fr	om the Divisio-					
of their responsibility to notify all interest owner COMMENTS:	s of th	is cha	nge on:	and informed by	y a letter fro n/a	mi the Division					
~~											

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL. GAS AND MINING

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER See attached					
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached					
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: See attached					
OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: See attached					
2 NAME OF OPERATOR: Questar Exploration and Production Company N5085	9. API NUMBER: Attached					
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 672-6900	10. FIELD AND POOL, OR WILDCAT: See attached					
4. LOCATION OF WELL STATE OF ZIP OOZOS (303) 672-0900	See allactied					
FOOTAGES AT SURFACE: See attached	COUNTY: Attached					
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH					
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT	RT, OR OTHER DATA					
TYPE OF SUBMISSION TYPE OF ACTION						
NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 6/14/2010 CHANGE TO PREVIOUS PLANS DEEPEN FRACTURE TREAT NEW CONSTRUCTION OPERATOR CHANGE CHANGE TUBING PLUG AND ABANDON	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR VENT OR FLARE					
SUBSEQUENT REPORT CHANGE WELL NAME PŁUG BACK	WATER DISPOSAL					
Date of work completion: CHANGE WELL STATUS PRODUCTION (START/RESUME) COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	WATER SHUT-OFF					
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	✓ отнек: Operator Name Change					
Effective June 14, 2010 Questar Exploration and Production Company changed its name to change involves only an internal corporate name change and no third party change of opera employees will continue to be responsible for operations of the properties described on the accontinue to be covered by bond numbers: Federal Bond Number: 965002976 (BLM Reference No. ESB000024) Utah State Bond Number: 965003033 Fee Land Bond Number: 965003033 Fee Land Bond Number: 965003033 The attached document is an all inclusive list of the wells operated by Questar Exploration at June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator the list	QEP Energy Company. This name tor is involved. The same attached list. All operations will					
NAME (PLEASE PRINT) Morgan Anderson TITLE Regulatory Affairs	Analyst					
SIGNATURE MOQUE AND DATE 6/23/2010						
This space for State use only)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					

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(See Instructions on Reverse Side)

APPROVED 61301 2009
Carley Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700) RED WASH effective June 14, 2010

well_name	sec	twp	rng	api	entity	1	type	stat	С
RW 34-23B	23	070S	22017	4304715136	5.670	lease	OTT	ļ	
RW 41-23B	23			4304715138	5670	Federal	OW	P	
RW 32-22B	22	070S		4304715138	5670	Federal	OW	P	-
RW 43-23B	23	070S		4304715139	5670	Federal	OW	P	
RW 32-17C	17	070S		4304715140	5670	Federal	OW	P	
RW 34-26B	26	070S		4304715145	5670	Federal	OW	P	-
RW 32-14B	14			4304715148	5670	Federal	GW	TA	
RW 34-14B	14			4304715150	5670	Federal	OW	P	
RW 23-22B	22			4304715152	5670	Federal	OW	S	
RW 43-22B	22				5670	Federal	OW	TA	
RW 32-23B	23			4304715155	5670	Federal	OW	P	
RW 23-13B				4304715156	5670	Federal	OW	P	
RW 34-22B	13			4304715157	5670	Federal	GW	TA	
RW 32-13B	22			4304715158	5670	Federal	OW	P	-
RW 14-23B	13			4304715163	5670	Federal	GW	P	ļ
	23			4304715165	5670	Federal	OW	S	
RW 14-24A	24			4304715166	17554	Federal	OW	DRL	
RW 21-24B	24			4304715167	5670	Federal	OW	TA	
RW 34-13B	13			4304715168	5670	Federal	OW	P	ļ
RW 21-29C	29			4304715169	5670	Federal	GW	P	
RW 12-17B	17			4304715170	5670	Federal	OW	P	
RW 32-33C				4304715171	5670	Federal	GW	P	
RW 14-23A				4304715176	5670	Federal	OW	P	
RW 12-18C				4304715183	5670	Federal	OW	P	
RW 21-22B				4304715186	5670	Federal	GW	TA	
RW 34-18B				4304715189	5670	Federal	OW	P	
RW 21-27B				4304715191	5670	Federal	OW	TA	
RW 23-22A				4304715192	5670	Federal	OW	P	
RW 21-18C				4304715193	5670	Federal	OW	P	
RW 12-13B				4304715196	5670	Federal	GW	S	
RW 32-18C				4304715198	5670	Federal	GW	P	
RWU 77 (21-13B)				4304715199	5670	Federal	OW	P	
RW 32-28B				4304715200	5670	Federal	OW	P	
RW 12-27B				4304715201	5670	Federal	OW	TA	
RW 14-27B	27	070S	230E	4304715202	5670	Federal	OW	P	
RW 41-31B	31	070S	230E	4304715203	5670	Federal	OW	P	
RW 41-27A	27	070S	220E	4304715205	5670	Federal	OW	S	
RW 44-14B	14	070S	230E	4304715206	5670	Federal	GW	P	
RW 43-21B	21	070S	230E	4304715211	5670	Federal	OW	P	
RW 12-22A	22	070S	220E	4304715213	5670			P	
RW 12-22B	22	070S	230E	4304715218	5670			P	
RW 34-21B				4304715220	5670			P	-
RW 34-15B				4304715222	5670			P	
RW 32-21B	21	070S	230E	4304715226	5670			P	-
RW 21-28B				4304715227	5670			P	

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700) RED WASH effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral	type	stat	C
RW 23-23A	23	070S	220E	4304715228	5670	lease Federal	OW	P	
RW 32-24A	24	070S	<u> </u>	4304715229	5670	Federal	OW		
RW 32-28A	28	070S		4304715230	5670	Federal	OW	P	
RW 21-19B	19			4304715233	5670		OW	S	
RW 43-29A	29			4304715236	5670	Federal	OW	P	
RW 23-28B	28	070S		4304715237		Federal	OW	S	C
RW 13-13B	13			4304715238	17525	Federal Federal	OW	P	C
RW 24-14B	13			4304715238	5670		GW	P	
RW 41-29A	29			4304715243	5670	Federal Federal	OW	P	
RW 14-15B	15	070S		4304715246	5670		OW	P	
RW 41-34B	34			4304715246	5670	Federal	OW	P	-
RW 41-30B	30			4304715254	5670	Federal	OW	P	
RW 24-22B	22			4304715254	5670	Federal	OW	P	
RW 33-14B	14			4304715255	5670	Federal	OW	P	
RW 21-18B	18				5670	Federal	OW	P	
RW 22-22B	22			4304715258	5670	Federal	OW	TA	
RW 42-14B				4304715260	5670	Federal	OW	TA	C
RW 14-29B	14			4304715264	5670	Federal	OW	P	
RW 32-30B	29			4304715265	5670	Federal	OW	P	
	30			4304715268	5670	Federal	OW	P	
RW 32-15B	15			4304715270	5670	Federal	OW	P	
RW 12-20B	20			4304715272	5670	Federal	OW	S	
RW 12-28B	28			4304715274	5670	Federal	OW	P	
RW 32-26B	26			4304715275	5670	Federal	GW	TA	
RW 31-28B	28			4304715283	5670	Federal	OW	TA	
RW 34-30B	***************************************			4304715288	5670	Federal	OW	P	
RW 23-26B				4304715290	5670	Federal	GW	S	
RW 41-33A				4304715294	5670	Federal	OW	P	
RW 43-24B				4304715295	5670	Federal	GW	TA	
RW 12-14B			***************************************	4304715296	5670	Federal	OW	S	
RW 32-28C				4304715302	5670	Federal	GW	P	
RW 23-25A		******		4304715305	5670	Federal	OW	P	
RW 41-8F				4304720014	5670	Federal	GW	P	
RW 44-21C				4304730149	5670	Federal	GW	S	
RW 13-27B				4304730199	5670	Federal	OW	TA	
RW 21-34B				4304730258	5670	Federal	OW	P	
RW 43-26B				4304730259	5670	Federal	OW	TA	
RW 14-18C	18	070S	240E	4304730309	5670	Federal	OW	P	
RW 12-26B				4304730311	5670	Federal	OW	TA	
RW 32-24B				4304730313	5670	Federal	OW	P	T
RW 34-18C				4304730314	5670	Federal	OW	P	
RW 21-19C	19	070S	240E	4304730340	5670			P	
RW 14-25B	25	070S	230E	4304730341	5670			P	
RW 32-35B	35	070S	230E	4304730342	5670	Federal		TA	-
RW 12-36B	36	070S	230E	4304730344	5670			S	

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700) RED WASH effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral	type	stat	С
						lease			
RW 22-14B	14			4304730345	5670	Federal	OW	P	
RW 42-13B	13	070S	230E	4304730346	5670	Federal	OW	P	
RW 23-19C	19	070S	240E	4304730348	5670	Federal	GW	P	
RW 22-18C	18	070S	240E	4304730387	5670	Federal	OW	P	
RW 22-17C	17	070S	240E	4304730388	5670	Federal	GW	P	
RW 44-26B	26	070S	230E	4304730520	5670	Federal	GW	P	
RW 42-27B	27	070S	230E	4304731051	5670	Federal	OW	TA	
RW 44-27B	27	070S	230E	4304731053	5670	Federal	OW	TA	
RW 44-23B	23	070S	230E	4304731054	5670	Federal	GW	P	
RW 11-35B	35	070S	230E	4304731079	5670	Federal	OW	P	+
RW 22-35B	35	070S	230E	4304731082	5670	Federal	OW	P	1
RW 33-23B	23			4304731476	5670	Federal	GW	TA	
RW 11-24B	24	070S		4304731477	5670	Federal	OW	P	-
RW 42-21B	21	070S		4304731478	5670	Federal	OW	P	
RW 13-24B	24	070S		4304731517	5670	Federal	OW	P	
RW 42-23B	23	070S		4304731576	5670	Federal	GW	TA	<u> </u>
RW 12-35B	35	070S		4304731578	5670	Federal	OW	S	
RW 24-15B	15	070S	*****	4304731579	5670	Federal	OW	P	-
RW 24-18C	18	070S		4304731582	5670	Federal	GW	P	ļ
RW 43-15B	15			4304731682	17643	Federal	GW	DRL	С
RW 34-17B	17			4304731819	5670	Federal	OW	P	
RW 41-4F	04			4304732538	5670	Federal	GW	TA	
RW 23-23C	23	070S		4304732629	5670	Federal	GW	P	
RW 14-17B	17			4304732738	5670	Federal	OW	P	
RW 32-17B	17			4304732981	5670	Federal	ow	P	
RW 32-18B	18			4304733018	5670	Federal	OW	P	
RW 42-20B	20			4304733490	5670	Federal	OW	P	
RW 22-20B	20			4304733491	5670	Federal	OW	P	
RW 24-19B	19			4304733492	5670	Federal	OW	P	
RW 22-21B	21			4304733522	5670	Federal	OW	S	
RW 24-20B	20			4304733523	5670	Federal	OW	P	
RW 44-19B	19			4304733524	5670	Federal	OW	P	
RW 44-20B	20			4304733525	5670	Federal	OW	P	ļ
RW 24-18B				4304733554	5670	Federal		P	
RW 42-19B				4304733556	5670		 	P	
RW 22-19B				4304733559	5670	Federal		P	
RW 23-24A				4304733567	5670	Federal		P	
RW 42-24A				4304733569	5670	Federal		P	
RW 21-25A				4304733576	5670	Federal		P P	-
RW 41-25A				4304733579	5670	Federal		P	
RW 21-24A				4304733579	5670			P P	ļ <u>.</u>
RW 44-18B				4304733592	5670			P P	
				4304733769					<u> </u>
				4304733769	5670			P	
XX 17 .70D	<i>5</i> 0	0/05	23UE	4304/33//1	5670	Federal	OW	S	

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700) RED WASH effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	С
RWU 44-30B	30	070S	230E	4304733772	5670	Federal	OW	P	
RW 22-25A	25	070S			5670	Federal	OW	P	
RW 34-27C	27	070S	240E	4304735045	5670	Federal	GW	P	
RW 34-22C	22	070S		4304735098	5670	Federal	GW	P	
RW 34-23AG	23	070S		4304735668	5670	Federal	OW	P	
RWU 32-27AG	27	070S	220E	4304735670	5670	Federal	OW	P	
RW 14-34AMU	34	070S	220E	4304735671	14277	Federal	GW	P	
RW 44-08FG	08	080S	240E	4304736349	15261	Federal	GW	P	
RW 34-34 AD	34	070S	220E	4304736351	16177	Federal	GW	P	
RW 33-31 BD	31	070S	230E	4304736357		Federal	GW	APD	С
RW 13-31 BD	31	070S	230E	4304736358		Federal	GW	APD	C
RW 21-26AD	26	070S	220E	4304736768	5670	Federal	OW	OPS	C
RW 43-26AG	26	070S	220E	4304736769	16575	Federal	OW	OPS	C
RW 43-23AG	23	070S	220E	4304736770	5670	Federal	OW	OPS	C
RW 41-26AG	26	070S	220E	4304736818	5670	Federal	OW	OPS	C
RW 04-25B	25	070S	230E	4304736982	17224	Federal	OW	P	
RW 34-27ADR	27	070S	220E	4304739445	16330	Federal	GW	P	
RW 32-29CD	29	070S	240E	4304739854		Federal	GW	APD	C
RW 24-10FD	10	080S	240E	4304739963		Federal	GW	APD	C
RW 34-20CD	20	070S	240E	4304739964		Federal	GW	APD	C
RW 32-20CD	20	070S	240E	4304739965		Federal	GW	APD	
RW 24-21CD	21	070S	240E	4304739966		Federal	GW	APD	С
RW 41-28CD	28	070S	240E	4304739967		Federal	GW	APD	C
RW 41-33CD	33	070S	240E	4304739968		Federal	GW	APD	C
RW 14-35 AMU	35	070S	220E	4304740051		Federal	GW	APD	C
RW 44-35 AMU	35	070S	220E	4304740052		Federal	GW	APD	<u> </u>
RW 12-17FG	17	080S	240E	4304740602		Federal	GW	APD	C



United States Department of the Interior



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov/ut/st/en.html

IN REPLY REFER TO: 3100 (UT-922)

JUL 2 8 2010

Memorandum

To:

Vernal Field Office, Price Field Office, Moab Field Office Roja L Bankert

From:

Chief, Branch of Minerals

Subject:

Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from Questar Exploration and Production Company into QEP Energy Company is effective June 8, 2010.

cc:

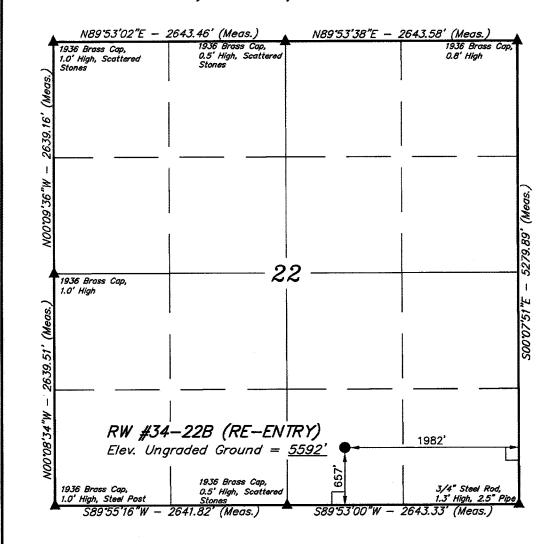
MMS UDOGM

AUG 1 6 2010

DIV. OF OIL, Cas James, 3

	STATE OF UTAH		FORM 9							
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-081							
SUNDI	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:							
	sals to drill new wells, significantly deepen ugged wells, or to drill horizontal laterals. U		7.UNIT or CA AGREEMENT NAME: RED WASH							
1. TYPE OF WELL Oil Well	addidektoringi kalandi 1984 (1984) (1944) - araban kanangan ang kalandi da di akan banan kanadi ang kanan di		8. WELL NAME and NUMBER: RW 34-22B							
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43047151580000									
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Ve		NE NUMBER: 3068 Ext	9. FIELD and POOL or WILDCAT: RED WASH							
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSH: Qtr/Qtr: SWSE Section: 22	IP, RANGE, MERIDIAN: Township: 07.0S Range: 23.0E Meridian:	S	COUNTY: UINTAH STATE: UTAH							
11. CHE	CK APPROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPORT	, OR OTHER DATA							
TYPE OF SUBMISSION		TYPE OF ACTION								
_	_ ACIDIZE	ALTER CASING	CASING REPAIR							
Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME							
10/1/2011	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE							
SUBSEQUENT REPORT	✓ DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION							
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	D PLUG BACK							
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION							
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON							
	☐ TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL							
DRILLING REPORT	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION							
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:							
	OMPLETED OPERATIONS. Clearly show all per									
QEP Energy Company requests approval to deepen the above well to a total depth of 10,954' to the Mesaverde Formation. In addition, the well pad has been modified to accomodate the larger drill rig and the Surface Use Plan has been revised to address all other changes. The ammended footages are: 657' FSL, 1982' FEL. QEP Energy Company respectfully requests the type of well change: From: Oil To: Gas. Please refer to the following plans: Surface Use Plan, 8-Point Drilling Plan, Plat Package, Weed Data Sheepproved by the										
			vision of							
Pederal Approval of the Action is Necessary Date: 05-02-1100										
By: Bulling										
NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatóry Affairs Analyst								
SIGNATURE N/A		DATE 4/25/2011								

T7S, R23E, S.L.B.&M.



LEGEND:

_ = 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(NAD 83)

LATITUDE = $40^{\circ}1'22.54''$ (40.189594) LONGITUDE = $109^{\circ}18'39.09''$ (109.310858)

(NAD 27)

LATITUDE = 40°11'22.68" (40.189633) LONGITUDE = 109°18'36.64" (109.310178)

QEP ENERGY COMPANY

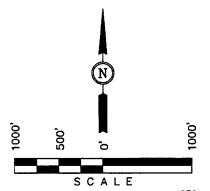
Well location, RW #34-22B (RE-ENTRY), located as shown in the SW 1/4 SE 1/4 of Section 22, T7S, R23E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (20EAM) LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M., TAKEN FORM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE SAND LAND

THIS IS TO CERTIFY THAT THE ABOVE PRIED NOTES OF ACTUAL SURVEYS MAY BE SUPERVISION AND THAT THE SAME AS TRUBEST OF MY KNOWLEDGE AND BELIEF

REGISTRED LAND SURVEYOR REGISTRE ON AND 161319
STATE OF TANTE OF U

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL UTAH 84078 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 11-4-10	DATE DRAWN: 11-29-10
PARTY A.F. J.I.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE QEP ENERGY	COMPANY

QEP Energy Company RW 34-22B Drilling Prog API: 43-047-15158 Summarized Re-Entry Procedure

- 1. Clear location of all unnecessary equipment.
- 2. MIRU pulling unit.
- 3. ND tubing head, NU BOP's (3M).
- 4. Kill well if necessary.
- 5. POOH with all existing production equipment and tubing.
- 6. Completions will prep well for re-entry.
- 7. POOH.
- 8. ND BOP's
- 9. RD pulling unit, move off location.
- 10. MIRU drilling rig.
- 11. NU rig's 5M BOPE.
- 12. Drill out shoe and down to 10,954'.
- 13. Log well. Triple or Quad-Combo (GR, NEU/DEN, IND, RES, SON)
- 14. RIH with 4-1/2" 11.6# HCP-110 casing and cement.
- 15. ND BOP's.
- 16. RDMO.

ONSHORE OIL & GAS ORDER NO. 1 QEP ENERGY COMPANY RW 34-22B (API#: 43-047-15158)

RE-ENTRY DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1 Approval of Operations on Onshore Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil & Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated top of important geologic markers are as follows:

<u>Formation</u>	Depth, TVD & MD
Green River	2,884'
Mahogany	3,624'
Original TD	5,720'
Wasatch	6,169°
Mesaverde	8,434'
Sego	10,854'
TD	10,954'

2. Anticipated Depths of Oil, Gas, Water, and Other Mineral Bearing Zones

The estimated depths at which the top of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered as follows:

Substance 5 contracts	Formation	Depth, TVD & MD
Gas	Wasatch	6,169'
Gas	Mesaverde	8,434'
Gas	Sego	10,854'

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right A36125

ONSHORE OIL & GAS ORDER NO. 1 QEP ENERGY COMPANY

RW 34-22B (API#: 43-047-15158)

(which was filed on May 7, 1964) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. Operator's Specification for Pressure Control Equipment

- A. 7 1/16" or 11" as available 5000 psi double ram with blind rams and pipe rams, annular preventer and drilling spool or BOP with 2 side outlets.
- B. All BOP connections subject to pressure shall be flanged, welded or clamped.
- C. Kill line (2" min), 2 choke line valves (3" min), choke line (3" min), 2 kill line valves (2" min) and a check valve, 2 chokes with one remotely controlled from rig floor and a pressure gauge on choke manifold.
- D. Upper and Lower Kelly cock valves with handles and safety valve and subs to fit all drill string connections.
- E. IBOP or float sub available.
- F. Fill up line must be installed above the uppermost preventer.
- G. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

4. Casing Design:

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.	Expected MW(ppg)
13 3/4"	10 3/4"	sfc	397'	40.5#	J-55	STC	Existing	N/A
8 3/4"	7"	sfc	5,720'	23#	J-55	LTC	Existing	N/A
6 1/8"	4 1/2"	sfc	10,954	11.6#	HCP-110	LTC	New	8.8 – 9.6

ONSHORE OIL & GAS ORDER NO. 1 QEP ENERGY COMPANY RW 34-22B (API#: 43-047-15158)

Casing Strengths:			Collapse	Burst	Tensile (min)	
10 ¾"	40.5#	J-55	STC	1,580 psi	3,130 psi	420,000 lb.
7"	23#	J-55	LTC	3,270 psi	4,360 psi	313,000 lb.
4 1/2"	11.6#	HCP-110	LTC	8,830 psi	10,710 psi	279,000 lb.

Casing Design Factors

Burst: 1.1 Collapse: 1.1 Tension: 1.4

Maximum anticipated mud weight:

10.5 ppg

Maximum anticipated surface treating pressure:

7,200 psi

5. Cementing Program

4-1/2" Production Casing:

Lead Slurry: 3,000' (TOC) – 5,720. 100 sks (301 ft³) Halliburton Extendacem, 3 pps Silicalite (extender), 1 pps Granulite TR ¼ (LCM), 0.125 pps Poly – E – Flake. Slurry Weight 11.0 lb/gal, 3.18 ft³/sk, 0% excess

Tail Slurry: 5,720' – 10,954'. 370 sks (619 ft³), Halliburton Expandacem, 0.2% Super CBL (Expander), 0.45% HR-5 (Retarder), 1 pps Granulite TR ¼, 0.125 pps Poly-E-Flake (LCM). Slurry Weight 13.5 lb/gal, 1.71 ft³/sk, 25% excess over gauge open hole.

*Final cement volumes to be calculated from caliper log and will attempt to pump cement to 3,000'.

6. Auxiliary Equipment

- A. Kelly Cock yes
- B. Float at the bit yes
- C. Monitoring equipment on the mud system PVT/Flow Show
- D. Full opening safety valve on the rig floor yes
- E. Drilling below the 7" casing will be done with water based mud. Maximum anticipated mud weight is 10.5 ppg.

ONSHORE OIL & GAS ORDER NO. 1 **QEP ENERGY COMPANY**

RW 34-22B (API#: 43-047-15158)

- F. No minimum quantity of weight material will be required to be kept on location.
- G. Gas detector will be used from intermediate casing depth to TD.

7. Testing, logging and coring program

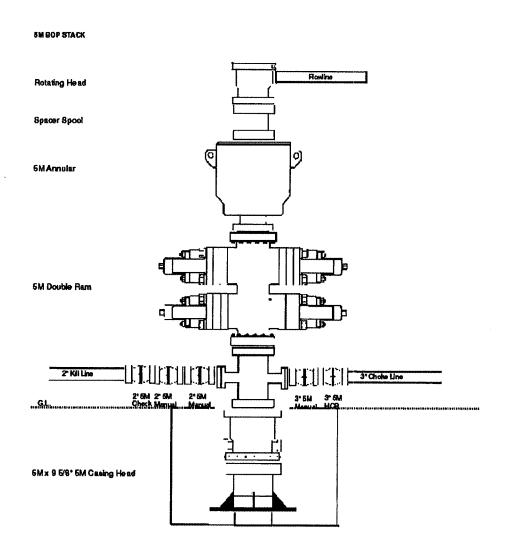
- A. Cores – none.
- В. DST - none anticipated
- C. Logging – Mud logging – Intermediate Casing to TD OH Logs: GR-SP-Induction, Neutron Density.
- D. Formation and Completion Interval:
 - Stimulation will be designed for the particular area of interest as encountered.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

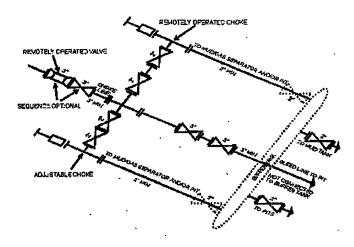
No abnormal temperatures or pressures are anticipated. Maximum anticipated bottom hole pressure equals approximately 5,981 psi. Maximum anticipated bottom hole temperature is 210° F.

H2S has not been encountered in other wells drilled to similar depths in the general area.

ONSHORE OIL & GAS ORDER NO. 1 QEP ENERGY COMPANY RW 34-22B (API#: 43-047-15158)



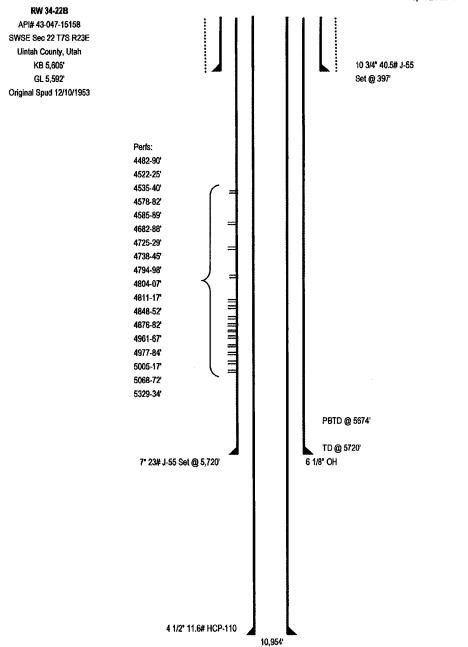
ONSHORE OIL & GAS ORDER NO. 1 QEP ENERGY COMPANY RW 34-22B (API#: 43-047-15158)



5M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

Addrugh are required for any of the choke manifold systems, buffer eachs are nonedical distribut derendenced of the choke ansatellite for the graphose of manifolding the blood lines togethel. When buffer twick are employed, where that he installed sparses to toolse a volume or maliforcing without interrupting flow control. Though not shown on 201, 204, 1044, CIR, SIM statement is would also be applicable to

[54 FR 39528, Sept. 27, 1989]



QEP ENERGY COMPANY RW 34-22B 657' FSL 1982' FEL SWSE, SECTION 22, T7S, R23E UINTAH COUNTY, UTAH LEASE # UTU-081

ONSHORE ORDER NO. 1 MULTI – POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the RW 34-22B on April 13, 2011. Weather conditions were sunny at the time of the onsite. In attendance at the inspection were the following individuals:

Kevin Sadlier

Aaron Roe

Holly Villa

Daniel Emmett

Bureau of Land Management
Bureau of Land Management
Bureau of Land Management
Bureau of Land Management

Jan Nelson QEP Energy Company
Stephanie Tomkinson QEP Energy Company
Ryan Angus QEP Energy Company
Valyn Davis QEP Energy Company
Eric Wickersham QEP Energy Company

Andy Floyd Uintah Engineering & Land Surveying

1. Existing Roads:

The proposed well site is approximately 25 miles South of Vernal, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 - mile radius.

All existing roads will be maintained and kept in good repair during all phases of operation.

2. Planned Access Roads:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Refer to Topo Map B for the location of the proposed access road.

No new access road is proposed. The access to be used is the access to the existing RW 34-22B location. Graveling or capping the roadbed will be performed as necessary to provide a well constructed safe road. Should conditions warrant, rock, gravel or culverts will be installed as needed.

3. Location of Existing Wells Within a 1 - Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

The following guidelines will apply if the well is productive.

A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). These dikes will be constructed of compacted impervious subsoil; hold 110% of the capacity of the largest tank; and, be independent of the back cut. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded to meet SPCC requirements with approval by the BLM/VFO AO. The specific APD will address additional capacity if such is needed due to environmental concerns. The use of topsoil for the construction of dikes will not be allowed.

All loading lines will be placed inside the berm surrounding the tank batteries.

All permanent (on site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a color approved by the State.

It was determined on the onsite by the BLM VFO AO that the facilities will be painted Covert Green.

Refer to Topo Map D for the location of the proposed pipeline.

All existing equipment will be moved off location before any construction begins.

The proposed surface pipeline will be constructed utilizing existing disturbed areas to minimize surface disturbance. No construction activities will be allowed outside of the permitted ROW area.

Prior to construction, the Permittee will develop a plan of installation to minimize surface disturbance. Pipe will be strung along the ROW with either a flatbed trailer and rubber tired backhoe or a tracked typed side boom. Where surface conditions do not allow the pipe to be strung along the ROW using conventional methods, the Permittee will utilize pull sections to run the fabricated pipe through the area from central staging areas along the ROW.

Upon completion of stringing activities the Permittee will fabricate the pipeline on wooden skids adjacent to the centerline of the ROW using truck mounted welding machines. All fabricated piping will be lowered off of the wooden skids and placed

along the ROW centerline. Upon completion of all activities, the wooden skids will be removed from the ROW using a flatbed truck or flatbed truck and trailer.

When the surface terrain prohibits the Permittee from safely installing the pipeline along the permitted ROW, grading of the permitted ROW will be required. Prior to installing the pipeline in these areas a plan will be developed to safely install the pipeline while minimizing grading activities and surface disturbances. Additionally, erosion control Best Management Practices will be installed as needed prior to the start of any grading activities. Surface grading will be limited to what is needed to safely install the pipeline. Track type bulldozers and track type backhoes will be utilized for grading activities.

Upon completion of the pipeline installation, the permitted ROW will be restored to the pre-disturbance surface contours.

The proposed pipeline will be a surface 10" or smaller, 2,123' in length, containing 1.46 acres.

Road Crossings

Fusion Bond or concrete coated pipe will be used for all road crossings to alleviate future corrosion.

All pipe and fittings used for road crossings will be prefabricated within the proposed ROW to minimize the duration of open pipe trench across the roadway. Pipe used for road crossings will be isolated on each end with a flange set and insulation kit and cathodically protected with a magnesium type anode. Adequately sized equipment will be used for minor and major road crossings. Depth of cover for minor roads will be >4' and the depth of cover for major roads will be >6'.

Prior to lowering the pipe in the trench, the Permittee will "Jeep" the pipe to locate and repair any Holidays in the pipe coating. Upon lowering the pipe in the trench, 6" of bedding and a minimum of 6" of shading will be installed to protect the pipe using either native soils <1" in diameter or imported sand. Pipe trenches that extend across gravel roads will be backfilled with native soils to within 8" of the driving surface and capped with 3/4" road base. Pipe trenches that extend across asphalt paved roads will be backfilled to 4" of the driving surface with 3/4" road base and capped asphalt material.

5. Location and Type of Water Supply:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Water for drilling purposes would be obtained from Wonsits Valley Water Right # A 36125 (which was filed on May 7, 1964) or Red Wash Water Right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System.

6. Source of Construction Materials:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2-3.

7. Methods of Handling Waste Materials:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 6 months after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Unless specified in the site specific APD, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

It will be determined at the on-site inspection if a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner, a minimum of 20 millimeters thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place.

No trash or scrap will be disposed of in the pit.

Reserve pit leaks are considered an undesirable event and will be orally reported to the AO.

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days.

After the 90 day period, the produced water will be contained in tanks on location and then hauled by truck to one of the following pre-approved disposal sites:

Red Wash disposal well located in the NESW, Section 28, T7S, R22E,

Red Wash disposal well located in the NESW, Section 28, T7S, R22E, West End Disposal located in the NESE, Section 28, T7S, R22E, or approved third-party surface evaporative pits.

Produced water, oil, and other byproducts will not be applied to roads or well pads for the control of dust or weeds. The dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site. The spills will be reported to the AO and other authorities as appropriate.

A chemical porta-toilet will be furnished with the drilling rig. The chemical porta-toilet wastes will be hauled to Ashley Valley Sewer and Water System for disposal.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig. All trash and waste material will be hauled to the Uintah County Landfill.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within these areas. Specific APD's shall address any modifications from this policy.

8. Ancillary Facilities:

None anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram rig orientation, parking areas, and access roads, as well as the location of the following:

The reserve pit.

The stockpiled topsoil (first six inches), will not be used for facility berms. All brush removed from the well pad during construction will be stockpiled with topsoil.

The flare pit or flare box will be located downwind from the prevailing wind direction.

Any drainage that crosses the well location will be diverted around the location by using ditches, water diversion drains or berms. If deemed necessary at the on-site, erosion drains may be installed to contain sediments that could be produced from access roads and well locations.

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

10. Fencing Requirements:

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched using a stretching device before it is attached to corner posts.

The reserve pit will be fenced on three (3) sides during drilling operations. The fourth side will be put in place when the rig moves off location. The pit will be fenced and maintained until it is backfilled. If drilling operations does not commence within 3 days, the fourth side of the fence will be installed

11. Plans for Reclamation of the Surface:

Please refer to QEP Energy Company Uinta Basin Division Reclamation Plan

Site Specific Procedures:

Site Specific Reclamation Summary:

Reclamation will follow Questar Exploration and Production Company, Uinta Basin Division's Reclamation Plan, September 2009 (Questar's Reclamation Plan) and the BLM Green River District Reclamation Guidelines.

All trash and debris will be removed from the disturbed area.

The disturbed area will be backfilled with subsoil.

Topsoil will be spread to an even, appropriate depth and disked if needed.

Water courses and drainages will be restored.

Erosion control devices will be installed where needed.

Seeding will be done in the fall, prior to ground freeze up.

Seed mix will be submitted to a BLM AO for approval prior to seeding.

Monitoring and reporting will be conducted as stated in Questar's Reclamation Plan. A sundry notice (Form 3160.5), for the Reference Site will be filed at a later date.

It was determined and agreed upon that there is 4" inches of top soil.

12. Surface Ownership:

Bureau of Land Management 170 South 500 East Vernal, Utah 84078 (435) 781-4400

13. Other Information:

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted on December 16, 2010, **Moac Report No. 10-247** by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A Class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted on December 14, 2010, IPC # 10-261 by Stephen D. Sandau. The inspection resulted in the location of no fossil resources. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP will provide Paleo monitor if needed.

Per the on-site on April 13, 2011, the following items were requested/discussed.

Oil stained dirt on the east edge of pad will be cleaned up and properly disposed of prior to construction.

Additional Operator Remarks

QEP Energy Company proposes to deepen the existing well bore for the RW 34-22B and drill to a depth of 10,954' to test the Mesa Verde Formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements"

Please see Onshore Order No. 1.

Please refer to QEP Energy Company Greater Deadman Bench EIS UT-080-2003-0369V Record of Decision dated March 31, 2008.

Please be advised that QEP Energy Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is QEP Energy Company via surety as consent as provided for the 43 CFR 3104.2.

QEP ENERGY COMPANY

RW #34-22B (RE-ENTRY) LOCATED IN UINTAH COUNTY, UTAH

SECTION 22, T7S, R23E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: EASTERLY

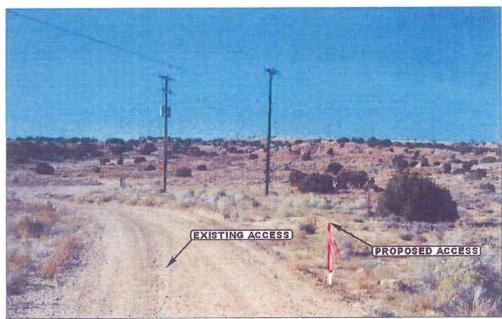


PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: WESTERLY



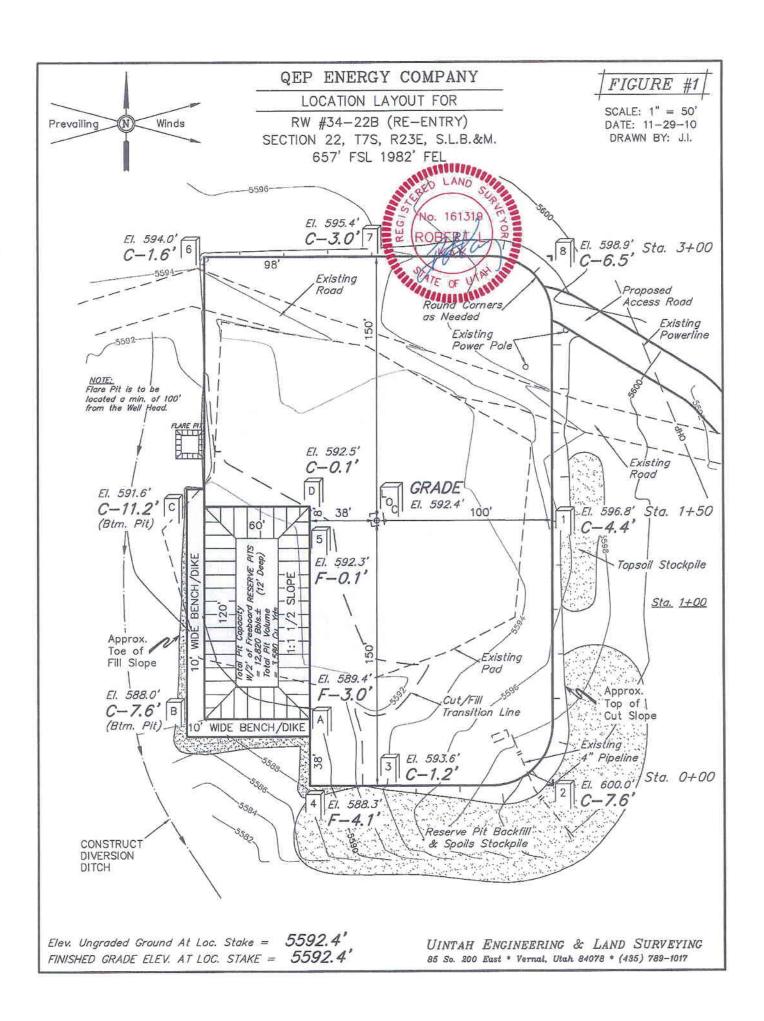
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 (435) 789-1017 * FAX (435) 789-1813

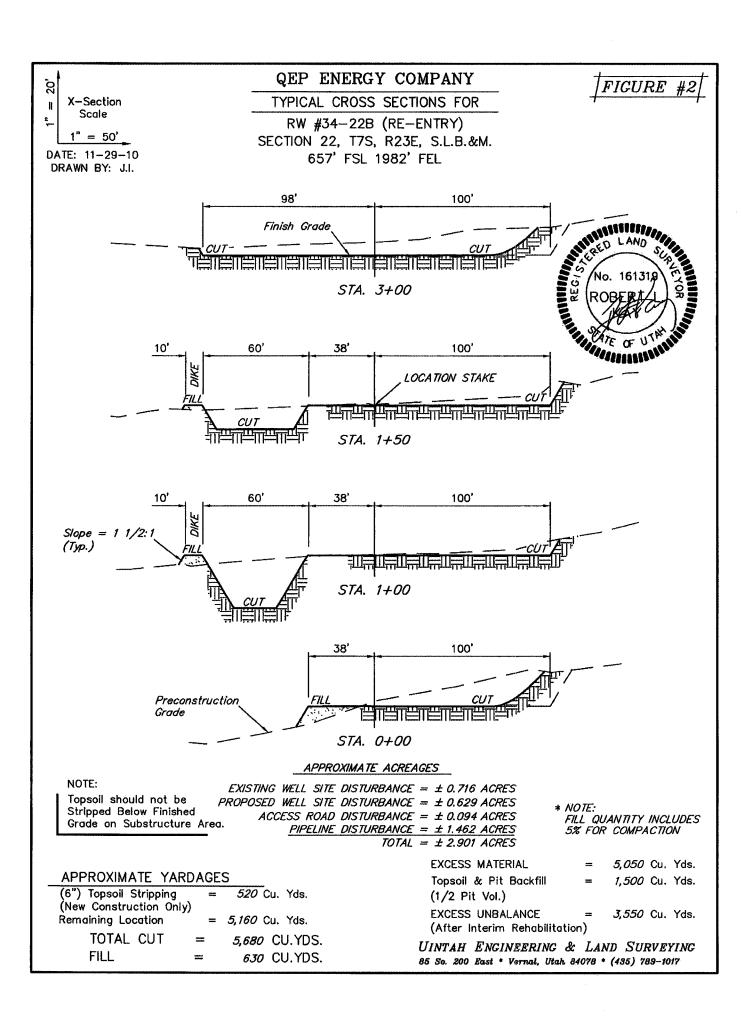
LOCATION PHOTOS

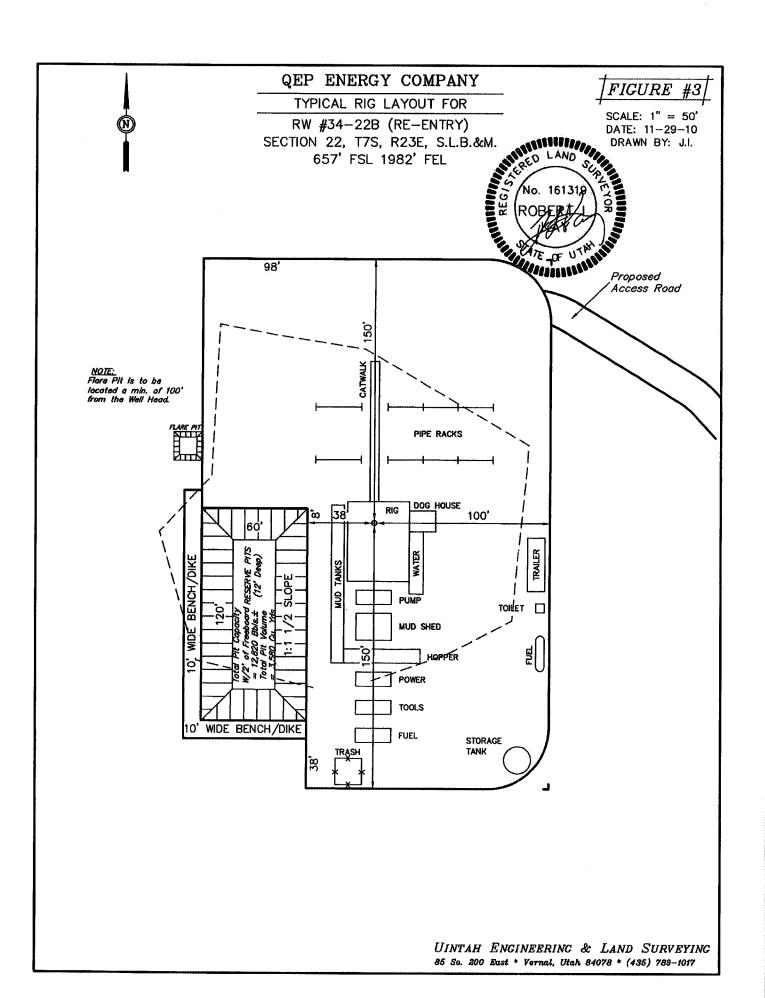
11 12 10 MONTH DAY YEAR

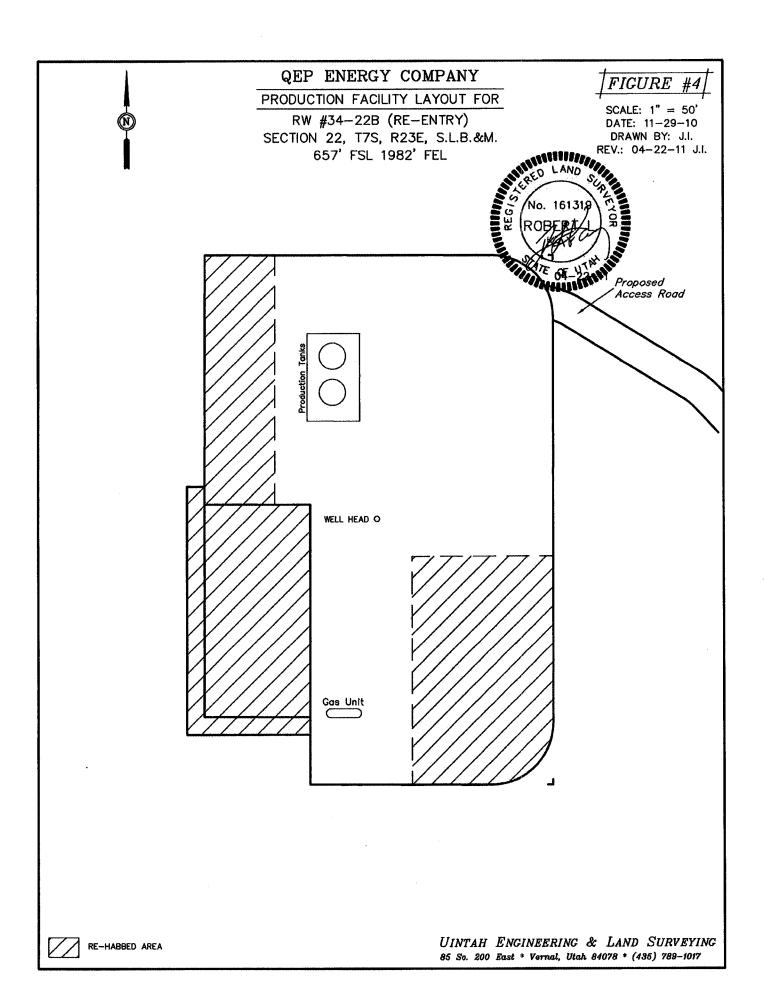
РНОТО

TAKEN BY: A.F. | DRAWN BY: J.L.G. | REVISED: 00-00-00





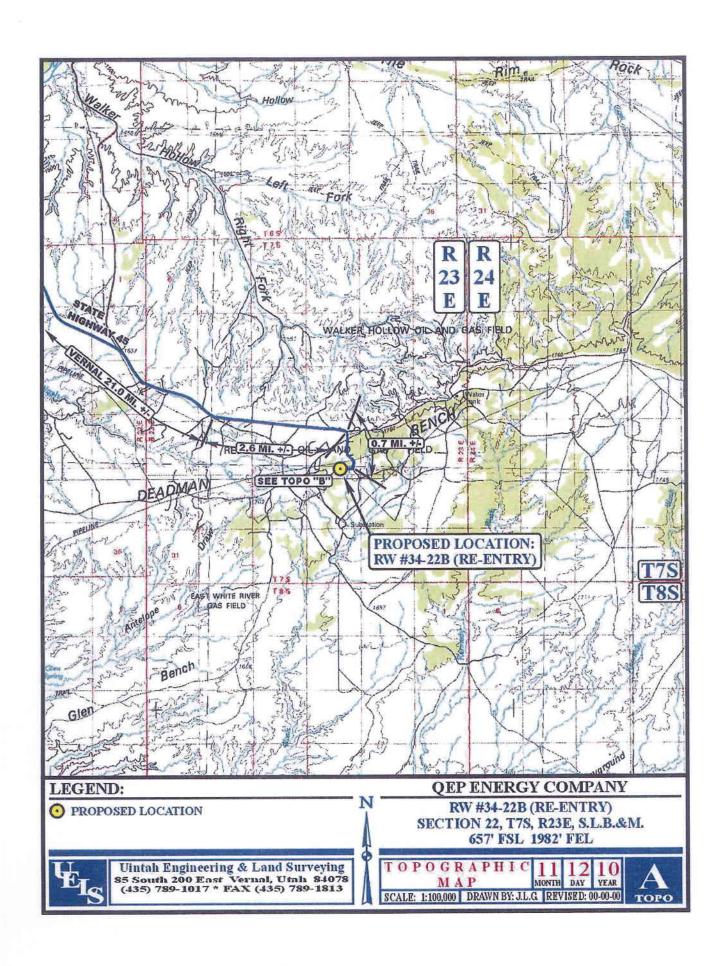


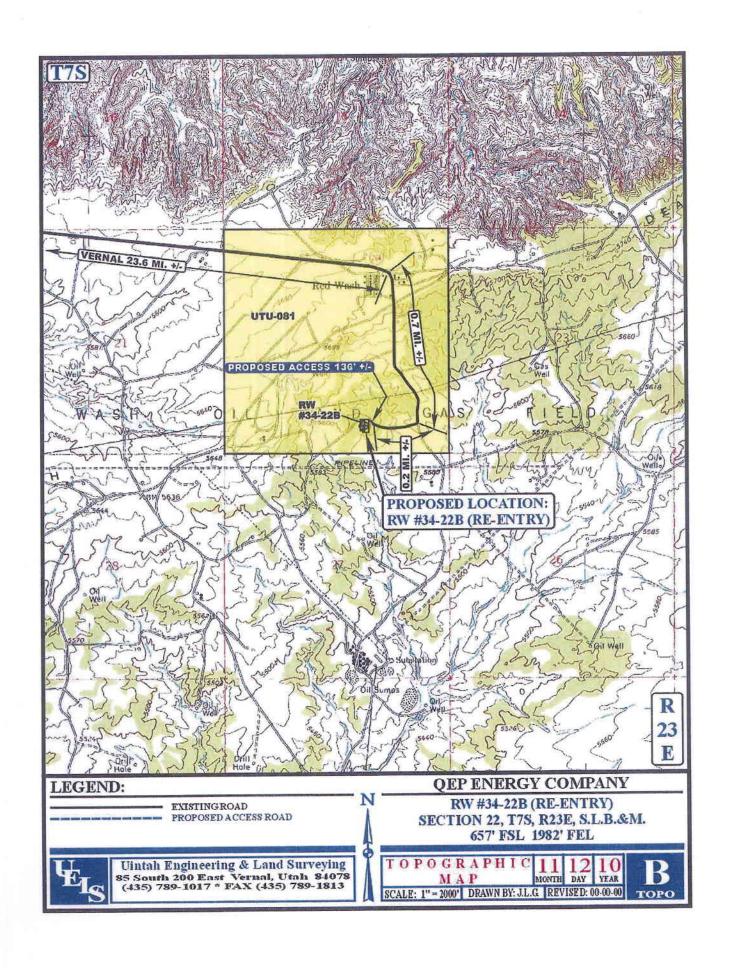


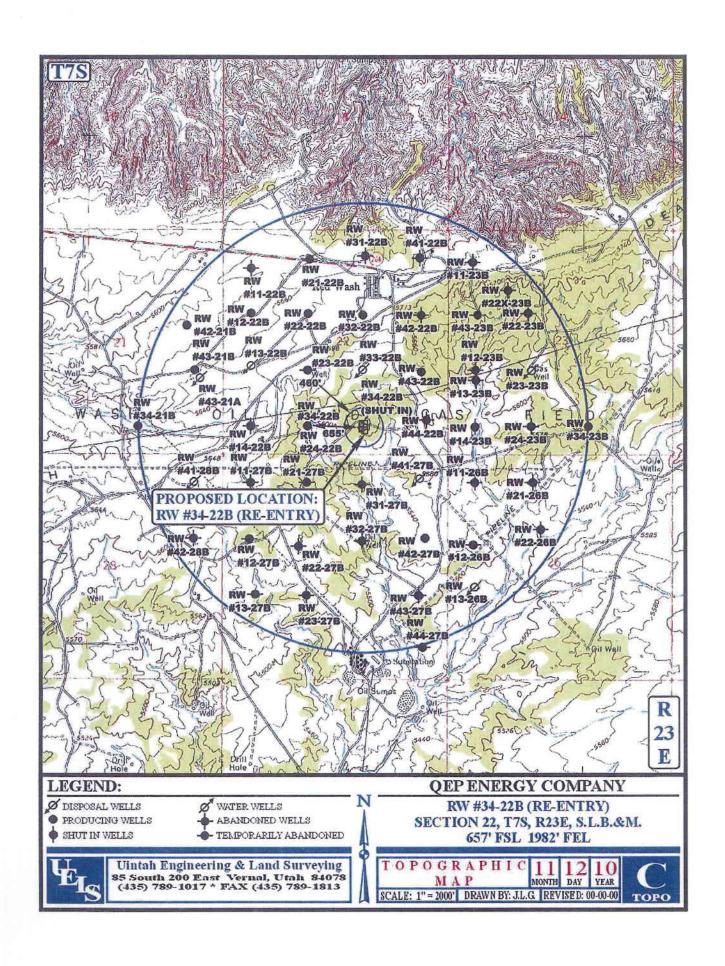
QEP ENERGY COMPANY RW #34-22B (RE-ENTRY) SECTION 22, T7S, R23E, S.L.B.&M.

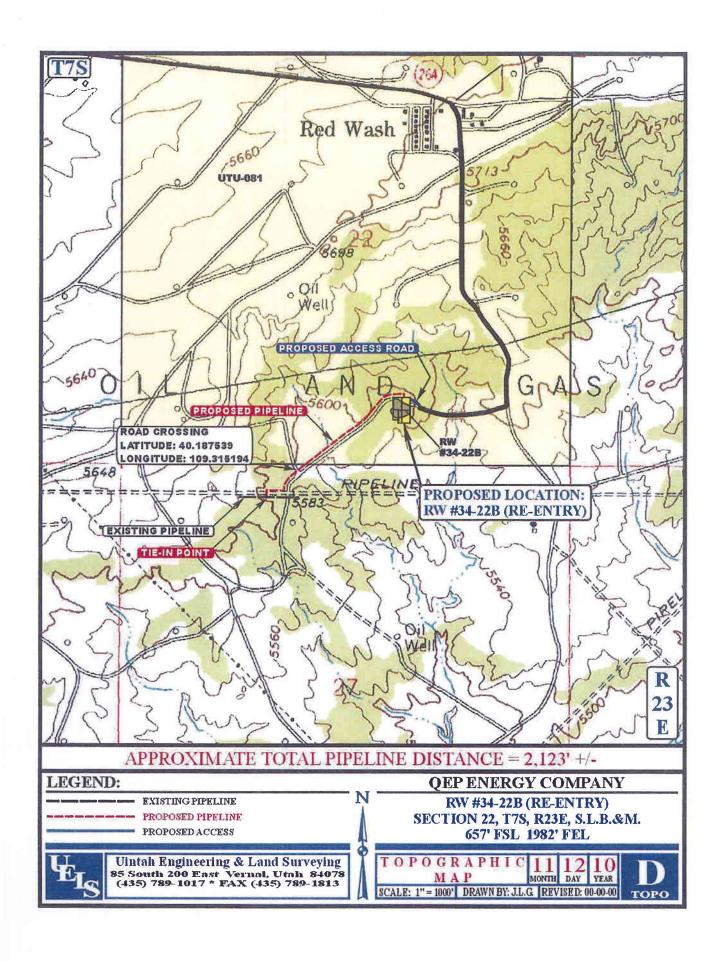
PROCEED IN AN EASTERLY, THEN SOUTHERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.9 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 2.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN THE PROPOSED ACCESS ROAD TO THE WEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 158' TO THE PROPOSED LOCATION

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 24.5 MILES.









WEED DATA SHEET

PROJECT NAME: RW 34-22B SURVEYOR: Stephanie Tomkinson

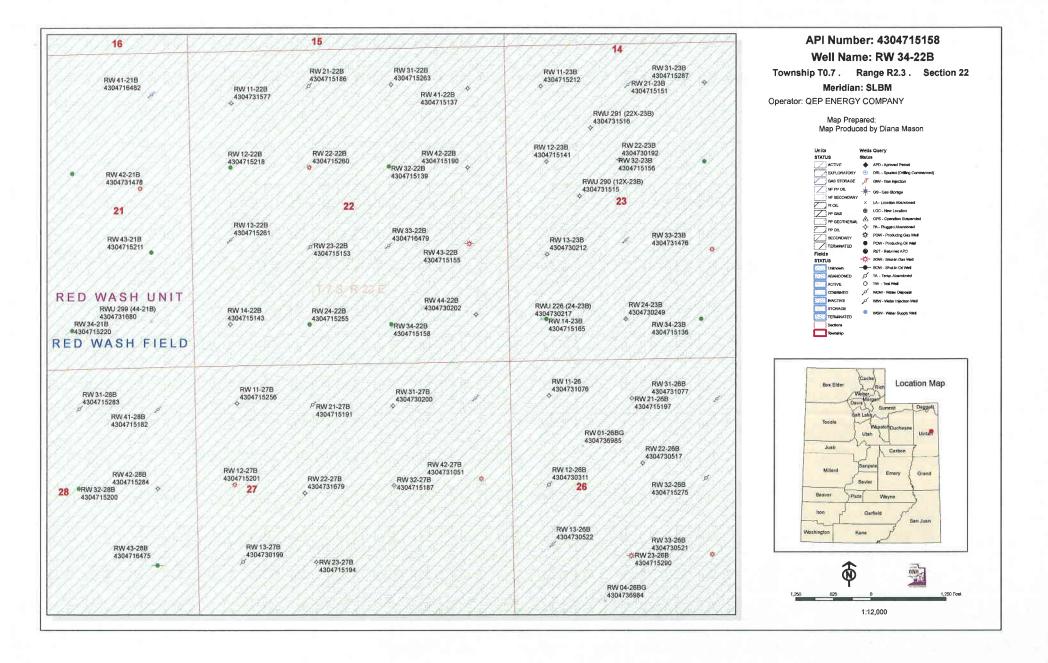
DATE: 4-/3-//

WBS

	Location GPS Coordinates	Site Description	Weed Species	Cover Class or Number	Pattern	Infestation Size (acres)	
1							
3							
5							
6							2lez
7							2 leg transect
							113'
-	SITE DRAWING (Optional): I	sclude a sketch of the infestation w	ithin the project area. Co	ount the number of i	ndividuals if po	salble.	60'
Anlla	L				, .	.ach	
andy	L () (٥١.	st inc	walh 10 plants	, , ,
Irdi	\mathbf{n}			7 tamaki	28-	10 dants	
Jaros			7 %			, - ₁ ,	
Keul							•
FRIC		Ø Pi+	OIL E	itain beh	and pi	to will clea	in up.
Dan Bric Jan			' ' \\ \\ \\ \\ \.	>tamaa	, NK	t, will clea	
yaly				"/	4315		
Rya	' '			Co	ver'		
	*Cover Class- estimated perce 0 = No weeds found	nt cover, by species, of the infestation	n	Cheatgrass canor	y cover:	3	
1	1 = Less than 1% (trace 2 = One to five % (low-			Russian thistle ca	nopy cover:	<u> </u>	
4 04	3 = Six to twenty-five % 4 = Twenty-five to 100	6 (moderate – scattered plants) % (high – fairly dense)		Halogeton canopy	cover:	<u></u>	
17	*Pattern - pattern of the infe 0 = No weeds found		91 ·	Kochia canopy co	ver:		
	1 = Single plant or smal 2 = Linear	l area of many plants		BriON"	NA	7	
	3 = Patchy 4 = Block		Maff		IRG		
	*Infestation Size – number o 0 = No weeds found	f estimated acres of the infestation		un ta			
	1 = Less than one acre2 = One to five acres	Λ 111	.1.1.0	orush	5000	m snake o	wee of
	3 = five or more acres	7 Russian4h	listy blac	k sayl	gall	etta	<i>U</i> ,
W	elds on pad led to be prayed		OIIVBII	cup gun	lune of	,	
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5(Dranken.	J	Juni	per	1,	irBS	

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/25/2011	API NO. ASSIGNED: 43-047-15158
WELL NAME: RW 34-22B OPERATOR: QEP ENERGY COMPANY (N3700)	PHONE NUMBER: 435-781-4369
CONTACT: VALYN DAVIS	
PROPOSED LOCATION:	INSPECT LOCATN BY: / /
SWSE 22 070S 230E SURFACE: 0657 FSL 1982 FEL	Tech Review Initials Date
BOTTOM: 0657 FSL 1982 FEL	Engineering
COUNTY: UINTAH LATITUDE: 40.18962 LONGITUDE: -109.31011	Geology
UTM SURF EASTINGS: 643856 NORTHINGS: 4449963	Surface
FIELD NAME: RED WASH (665) LEASE TYPE: 1 - Federal LEASE NUMBER: U-081 SURFACE OWNER: 1 - Federal	PROPOSED FORMATION: MVRD COALBED METHANE WELL? NO
Plat Plat Pardy Fod[1] Ind[1] Cha[2] For[3]	R649-2-3. nit: RED WASH R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: 187-07 Eff Date: 916-200 Siting:
STIPULATIONS: Indeed appro	va()



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

April 28, 2011

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2011 Plan of Development Red Wash Unit,

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for re-entry, deepening and completion in the Mesaverde Formation. The work is planned for calendar year 2011 within the Red Wash Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Mesaverde)

43-047-31576 RW 42-23B Sec 23 T07S R23E 1980 FNL 0661 FEL 43-047-30518 RW 24-26B Sec 26 T07S R23E 0591 FSL 2008 FWL 43-047-15158 RW 34-22B Sec 22 T07S R23E 0657 FSL 1982 FEL 43-047-15191 RW 21-27B Sec 27 T07S R23E 0661 FNL 1977 FWL 43-047-15272 RW 21-20B Sec 20 T07S R23E 1980 FNL 0660 FWL

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Distrally signed by Michael L. Coulthard

Distrally signed by Michael L. Coulthard, o-Bureau of Land Management,
ou-Branch of Minerals, email-Michael_Coulthard@blfm.gov, c=US
Date: 2011.04 28 11:22:11

bcc: File - Red Wash Unit

Division of Oil Gas and Mining

Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:4-28-11



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

May 2, 2011

QEP Energy Company 11002 East 17500 South Vernal, UT 84078

Subject: RW 34-22B Well, 657' FSL, 1982' FEL, SW SE, Sec. 22, T. 7 South, R. 23 East,

Uintah County, Utah

Ladies and Gentlemen:

Pursuant to Utah Code Ann.§40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause: 187-07. The expected producing formation or pool is the Mesaverde Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-15158.

Sincerely,

John Rogers
Associate Director

JR/js Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal Office



Operator:	QEP Energy Company
Well Name & Number	RW 34-22B
API Number:	43-047-15158
Lease:	UTU-081
Location: SW SE Sec. 22	2 T. 7 South R. 23 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please let a voicemail message if not available)
 OR

Submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 after office hours

3. Reporting Requirements

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging
- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

	STATE OF UTAH				FORM 9	
1	DEPARTMENT OF NATURAL RESOL DIVISION OF OIL, GAS, AND N		ì	5.LEASE U-081	DESIGNATION AND SERIAL NUMBER:	
SUNDR	RY NOTICES AND REPORT	SON	WELLS	6. IF IND	IAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.					r CA AGREEMENT NAME: ASH	
1. TYPE OF WELL Oil Well				8. WELL RW 34	NAME and NUMBER: -22B	
2. NAME OF OPERATOR: QEP ENERGY COMPANY				9. API N U 43047	JMBER: 151580000	
3. ADDRESS OF OPERATOR: 11002 East 17500 South,	Vernal, Ut, 84078		NE NUMBER: -3068 Ext	9. FIELD	and POOL or WILDCAT: ASH	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0657 FSL 1982 FEL				COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 22 Township: 07.0S Range: 23.0E Me	eridian: S	5	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDIC	CATE N	ATURE OF NOTICE, REPOR	T, OR O	THER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION			
	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION COMPLETED OPERATIONS. Clearly Shirt COMPANY REQUESTS THIS	☐ C ☐ F ☐ F ☐ S ☐ v ☐ s ✓ c Ow all per		epths, vo	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION ER: CONFIDENTIAL Jumes, etc. Accepted by the Utah Division of il, Gas and Mining R RECORD ONLY February 21, 2012	
NAME (PLEASE PRINT)	PHONE NU	MBER	TITLE			
Valyn Davis SIGNATURE	435 781-4369		Regulatory Affairs Analyst DATE			
N/A			2/15/2012			

	STATE OF UTAH		FORM 9
ı	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: U-081
SUNDR	RY NOTICES AND REPORTS C	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for procurrent bottom-hole depth, IFOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME: RED WASH		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: RW 34-22B
2. NAME OF OPERATOR: QEP ENERGY COMPANY			9. API NUMBER: 43047151580000
3. ADDRESS OF OPERATOR: 11002 East 17500 South		PHONE NUMBER: 308-3068 Ext	9. FIELD and POOL or WILDCAT: RED WASH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0657 FSL 1982 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HP, RANGE, MERIDIAN: 22 Township: 07.0S Range: 23.0E Meridia	nn: S	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	New construction
Date of Work Completion.		¬	PLUG BACK
		PLUG AND ABANDON	
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
3/23/2012	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	L TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
	COMPLETED OPERATIONS. Clearly show al this well commenced on Ma		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 26, 2012
NAME (PLEASE PRINT) Jan Nelson	PHONE NUMBE 435 781-4331	R TITLE Permit Agent	
SIGNATURE		DATE	
N/A		3/26/2012	

	STATE OF UTAH			FORM 9
1	DEPARTMENT OF NATURAL RESC DIVISION OF OIL, GAS, AND		i	5.LEASE DESIGNATION AND SERIAL NUMBER: U-081
SUNDR	RY NOTICES AND REPOR	TS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for procurrent bottom-hole depth, FOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME: RED WASH			
1. TYPE OF WELL Oil Well				8. WELL NAME and NUMBER: RW 34-22B
2. NAME OF OPERATOR: QEP ENERGY COMPANY				9. API NUMBER: 43047151580000
3. ADDRESS OF OPERATOR: 11002 East 17500 South,	Vernal, Ut, 84078		NE NUMBER: -3068 Ext	9. FIELD and POOL or WILDCAT: RED WASH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0657 FSL 1982 FEL				COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SWSE Section: 2	HIP, RANGE, MERIDIAN: 22 Township: 07.0S Range: 23.0E N	Meridian: S	3	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO IND	DICATE NA	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE ✓ PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION COMPLETED OPERATIONS. Clearly S enced production on Apr	C		CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: DEPths, volumes, etc. Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 26, 2012
NAME (PLEASE PRINT)	PHONE N	IUMBER	TITLE	
Jan Nelson	435 781-4331	OWIDER	Permit Agent	
SIGNATURE N/A			DATE 4/23/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM							
Operator:	QEP ENERGY COMPANY		Operator Account Number:	N 3700			
Address:	11002 EAST 17500 SOUTH		* 1				
	city VERNAL						
		zip 84078	Phone Number:	(435) 781-4369			

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304715158	RW 34-22B		SWSE	22	7S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
E	5670	195478	3	/23/201	2	1/	112018
Comments: GRF	RV TO MVRD		Ų	MICI	Print	1	
WMMFD	· · · · · · · · · · · · · · · · · · ·	Da	U	Ulli		sial L	1.18.12.

WMMFD is whit

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		l te	Entity Assignment Effective Date	
omments:							

API Number	Well h	Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:				**************************************	·	<u> </u>	

•	^-	•	 CO	-	٠.

(5/2000)

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

RECEIVED

MAR 28 2012

Div. of Oil, Gas & Mining

Valyn Davis

Name (Please Print)

Signature

Title

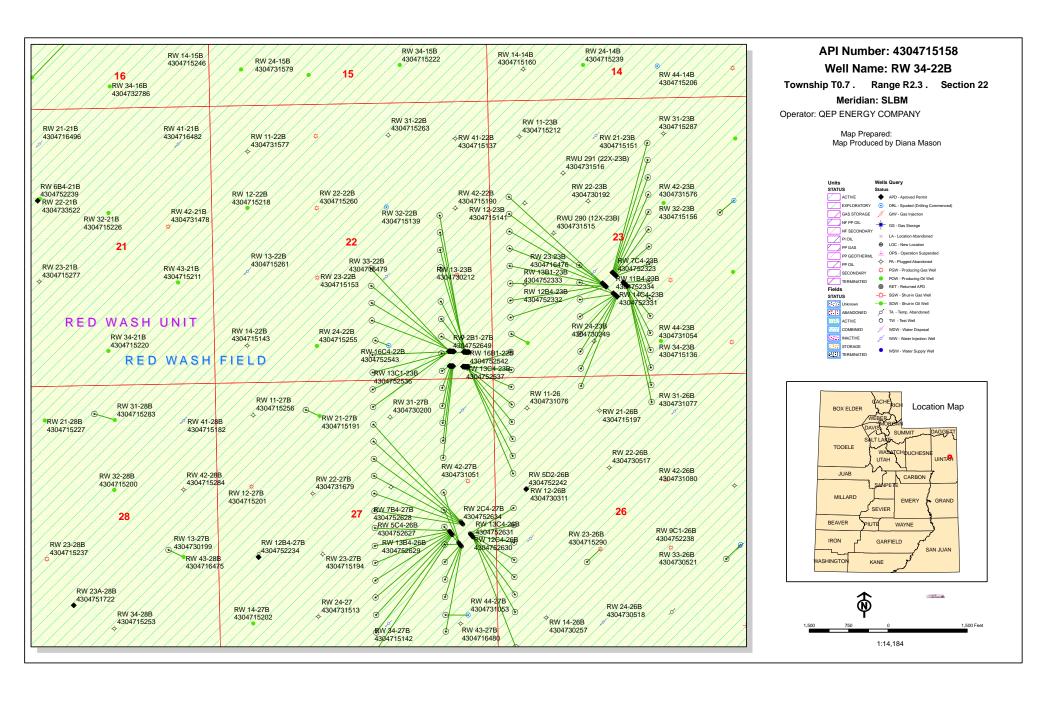
Regulatory Affairs Analyst

3/27/2012

Date

Sundry Number: 25820 API Well Number: 43047151580000 FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

	STATE OF UTAH	_	FORM 9
ı	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINIF		5.LEASE DESIGNATION AND SERIAL NUMBER: U-081
SUNDR	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
	posals to drill new wells, significantly de reenter plugged wells, or to drill horizont n for such proposals.		7.UNIT or CA AGREEMENT NAME: RED WASH
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: RW 34-22B
2. NAME OF OPERATOR: QEP ENERGY COMPANY			9. API NUMBER: 43047151580000
3. ADDRESS OF OPERATOR: 11002 East 17500 South ,		PHONE NUMBER: 08-3068 Ext	9. FIELD and POOL or WILDCAT: RED WASH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0657 FSL 1982 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 22 Township: 07.0S Range: 23.0E Meridia	n: S	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start: 5/16/2012	✓ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION		
Date of opau.		☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	L TUBING REPAIR	☐ VENT OR FLARE ☐	☐ WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
QEP ENERGY CO SPACING OF THE ME	COMPLETED OPERATIONS. Clearly show all MPANY WOULD LIKE TO OPTIN SA VERDE DEVELOPMENT; THE ULD LIKE TO DRILL THIS WELL	MIZE BOTTOM HOLE EREFORE, QEP ENERGY	Approved by the Utah Division of Oil, Gas and Mining Date: May 21, 2012
			By: Bacylll
NAME (PLEASE PRINT)	PHONE NUMBER		
Valyn Davis	435 781-4369	Regulatory Affairs Analyst	
SIGNATURE N/A		DATE 5/16/2012	





11002 East 17500 South Vernal, UT 84078 Telephone 435-781-4331 Fax 435-781-4395

May 16, 2012

Ms. Diana Mason Division of Oil, Gas and Mining P.O. Box 145801 Salt Lake City, UT 84114-6100

RE: Directional Drilling R649-3-11

Red Wash Unit

RW 34-22B

657' FSL 1982' FEL, SWSE, Section 22, T7S, R23E (Surface) 757' FSL 2235' FEL, SWSE, Section 22, T7S, R23E (Bottom Hole) Uintah County, Utah

Dear Ms. Mason:

Pursuant to the filing of QEP Energy Company Application for Permit to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649 -3-11 pertaining to the location and drilling of a directional well.

QEP Energy Company would like to optimize the bottom hole spacing of the Mesa Verde development; therefore, QEP Energy Company would like to drill this well directionally.

Furthermore, QEP Energy Company certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Therefore, based on the above stated information QEP Energy Company requests the permit be granted pursuant to Rule R649-3-11.

Sincerely,

QEP Energy Company

Jan Nelson Permit Agent

T7S, R23E, S.L.B.&M. Well location, RW #34-22B (RE-ENTRY), located as shown in the SW 1/4 SE 1/4 of Section 22, N89°53'38"E - 2643.58' (Meas.) N89°53'02"E - 2643.46' (Meas.) T7S, R23E, S.L.B.&M., Uintah County, Utah. 1936 Brass Cap 1936 Brass Cap. 0.5' High, Scattered 0.8' High 1.0' High, Scattered BASIS OF ELEVATION Stones Stones BENCH MARK (20EAM) LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M., TAKEN FORM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES 2639. DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY, SAID ELEVATION IS MARKED AS BEING 4697 FEET. BASIS OF BEARINGS BASIS OF BEARINGS IS A G.P.S. OBSERVATION. 1936 Brass Cap, 1.0' High 2639. SCALE RW #34-22B (RE-ENTRY) CERTIFICATE Elev. Ungraded Ground = 5592' THIS IS TO CERTIFY THAT THE ABOVE PARED PARED 2235 FIELD NOTES OF ACTUAL SURVEYS MAKE BY ME OR UNDER MY Bottom Hole @ SUPERVISION AND THAT THE SAME AND TRUE NAND TOPREG 1982 BEST OF MY KNOWLEDGE AND BELIEP 757 S89°55'16"W — 2641.82' (Meas.) S89°53'00"W — 2643.33' (Meas.) 3/4" Steel Rod, REVISED: 05-11-12 R.L.L. 1936 Brass Cap. 1936 Brass Cap, 0.5' High, Scattered 1.3' High, 2.5" Pipe 1.0' High, Steel Post ENGINEERING & UINTAH LAND SURVEYING Stones LINE TABLE 85 SOUTH 200 EAST - VERNAL, UTAH 84078 LINE DIRECTION LENGTH (435) 789-1017 N68*43'39"W 273.21 LEGEND: SCALE DATE SURVEYED: DATE DRAWN: 1'' = 1000'11 - 4 - 1011-29-10 NAD 83 (SURFACE LOCATION) NAD 83 (TARGET BOTTOM HOLE) = 90° SYMBOL REFERENCES PARTY LATITUDE = $40^{\circ}11'23.52''$ (40.189867) LATITUDE = $40^{\circ}11'22.54''$ (40.189594) A.F. J.I. G.L.O. PLAT LONGITUDE = 109'18'42.37" (109.311769) LONGITUDE = 109*18'39.09" (109.310858) = PROPOSED WELL HEAD. NAD 27 (TARGET BOTTOM HOLE) NAD 27 (SURFACE LOCATION) WEATHER LATITUDE = $40^{\circ}11'22.68''$ (40.189633) LATITUDE = 40"11"23.65" (40.189903) = SECTION CORNERS LOCATED. COOL QEP ENERGY COMPANY LONGITUDE = 109'18'39.91" (109.311086) LONGITUDE = 109'18'36.64" (109.310178)

QEP ENERGY COMPANY



QEP ENERGY (UT)

Red Wash RW 34-22B RW 34-22B

Re-Entry

Plan: Plan ver.1

Standard Planning Report

08 March, 2012





QEP Resources, Inc.

Planning Report



Database: Company: Project:

Site:

Well:

EDMDB_QEP

QEP ENERGY (UT) Red Wash RW 34-22B RW 34-22B Re-Entry

Local Co-ordinate Reference:

Survey Calculation Method:

TVD Reference: MD Reference: North Reference: Well RW 34-22B

RKB @ 5606.40usft (AZTEC 781) RKB @ 5606.40usft (AZTEC 781)

True

Minimum Curvature

Design: Project

Site

From:

Wellbore:

Red Wash

Plan ver.1

Map System: Geo Datum: Map Zone:

Site Position:

US State Plane 1983 North American Datum 1983 System Datum:

Mean Sea Level

Using geodetic scale factor

RW 34-22B

Utah Central Zone

Northing:

7,245,268.864 usft 2,251,922.331 usft

Latitude: Longitude:

40.189595 -109.310859 1.40°

Position Uncertainty:

Lat/Long

Easting: 0.00 usft

Slot Radius:

13-3/16 "

Grid Convergence:

Well Well Position

RW 34-22B +N/-S +E/-W

0.00 usft 0,00 usft

Northing: Easting:

7,245,268.860 usft 2,251,922.331 usft

Latitude: Longitude:

40.189595 -109.310859

Position Uncertainty

0.00 usft

IGRF2010

Wellhead Elevation:

2/27/2012

5,592.40 usft

Ground Level:

66.04

5,592.40 usft

Wellbore

Re-Entry

Plan ver.1

Magnetics **Model Name** Sample Date

Declination (°) 10.93 Dip Angle (°)

Field Strength (nT)

52,383

Design Audit Notes:

Version:

Phase:

PLAN

Tie On Depth:

0.00

Vertical Section:

Depth From (TVD) (usft) 0.00

+N/-S (usft) 0.00 +E/-W (usft) 0.00

Direction (°) 291.27

Plan Sections Measured Depth (usft)

Vertical Dogleg Build Turn Inclination Azimuth Depth +N/-S +E/-W Rate Rafe Rate TFO (°) (usft) (usft) (usft) (°/100usft) (°/100usft) (°/100usft) (°) Target (°) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 5,716.00 0.00 0.00 5,716.00 0.00 0.00 0.00 0.00 0.00 0.00 6,139.26 8.47 297.47 6,137.72 14.40 -27.692.00 2.00 0.00 297.47 8,223.92 8.47 297.47 8,199.67 155.98 -299.96 0.00 0.00 0.00 0.00 8,224.25 8.47 297.48 8,200.00 156.00 -300.00 1.50 1.48 1.68 9.51 8,984.81 3.00 131.00 8,958.39 168.83 -334.79 1.50 -0.72-21.89 -176.45 11,015.20 3.00 131.00 10,986.00 99.12 -254.59 0.00 0.00 0.00 0.00



QEP Resources, Inc.

Planning Report



EDMDB OFP

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference: Survey Calculation Method: Well RW 34-22B

RKB @ 5606.40usft (AZTEC 781) RKB @ 5606.40usft (AZTEC 781)

True

Minimum Curvature

Dalabase.	LDIVIDD_QLF
Company:	QEP ENERGY (UT
Project:	Red Wash
Site:	RW 34-22B
Well:	RW 34-22B
Wellbore:	Re-Entry
Design:	Plan ver.1

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,716.00	0.00	0.00	5,716.00	0.00	0.00	0.00	0.00	0.00	0.00
6,139.26	8.47	297.47	6,137.72	14.40	-27.69	31.03	2.00	2.00	0.00
8,223.92	8.47	297.47	8,199.67	155.98	-299.96	336.11	0.00	0.00	0.00
8,224.25	8.47	297.48	8,200.00	156.00	-300.00	336.16	1.50	1.48	1.68
8,984.81	3.00	131.00	8,958.39	168.83	-334.79	373.23	1.50	-0.72	-21.89
11,015.20	3.00	131.00	10,986.00	99.12	-254.59	273.20	0.00	0.00	0.00

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir.	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
RW 34-22B - plan misses targe - Circle (radius 100		0.00 Jusft at 8425	8,400.00 .18usft MD (159.84 8399.42 TVD,	-316.81 166.95 N, -3	7,245,420.890 21.77 E)	2,251,601.730	40.190033	-109,311993

Casing Points						
	Measured	Vertical		Casing	Hole	
	Depth	Depth		Diameter	Diameter	
	(usft)	(usft)	Name	(")	(")	
	5,716.00	5,716.00 7"		7	9	

Formations							
	Measured Depth (usft)	Vertical Depth (usft)		Name	Lithology	Dip (°)	Dip Direction (°)
	2,876.00	2,876.00	Green River			0.00	
	3,616.00	3,616.00	Mahog. Bench			0.00	
	6,162.79	6,161.00	Wasatch			0.00	
	8,451.87	8,426.00	Mesaverde			0.00	
	10,915.06	10,886.00	Sego			0.00	

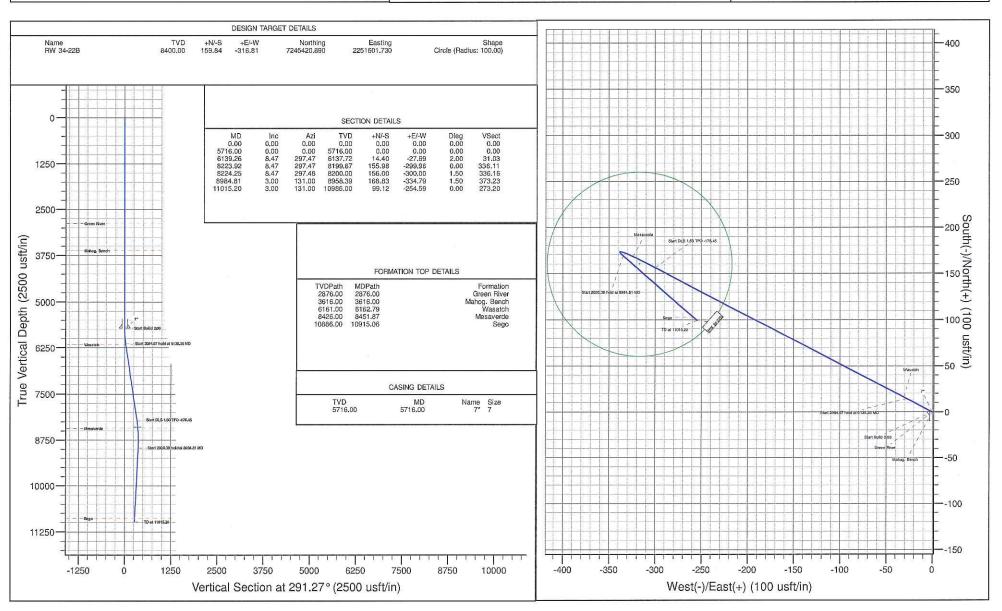


Company Name: QEP ENERGY (UT)

Azimuths to True North Magnetic North: 10.93° Magnetic Field Strength: 52382.7snT Dip Angle: 66.04" Date: 2/27/2012 Model: IGRF2010

Project: Red Wash Site: RW 34-22B Well: RW 34-22B Wellbore: Re-Entry Design: Plan ver.1

PROJECT DETAILS: Red Wash REFERENCE INFORMATION WELL DETAILS: RW 34-22B Geodetic System: US State Plane 1983 Co-ordinate (N/E) Reference: Well RW 34-22B, True North Vertical (TVD) Reference: RKB @ 5606.40usft (AZTEC 781) Datum: North American Datum 1983 5592.40 Latittude Ellipsoid: GRS 1980 Section (VS) Reference: Slot - (0.00N, 0.00E) +N/-S +E/-W Northing Easting Longitude Slot Zone: Utah Central Zone Measured Depth Reference: RKB @ 5606.40usft (AZTEC 781) Calculation Method: Minimum Curvature 0.00 0.00 7245268.860 2251922.331 40.189594 -109.310858 System Datum: Mean Sea Level



CONFIDENTIAL

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JUL 1 2 2012

DIV. OF OIL, GAS & MINING

	Co: Nat	ive Navigation				Units:	Feet, °, °/100ft		VS Az:	291.36	Method: Minimum Curvature		
	Drillers: Scri	-				Elevation:	5606.40		Map System:	2 SP NAD 83			
	Well Name: RW			-1515	s l	Northing:	7245268.86		Latitude:	40.189595			
	Location: Uni	tah County, Verr	al UT			Easting:	2251922.33			-109.310859			
		75	2	3E	22	QEP	Energy: RW	34-22	B SVYS				
No.	MD	CL	Inc.	Azi.	TVD	VS	+N/S-	+E/W-	BR	W	R DLS Comment		
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			Surface		
2	25.00	25.00	0.14	209.76	25.00	0.00	-0.03	-0.02	0.56	839.0	0.56 Gyro		
3	100.00	75.00	0.06	317.55	100.00	0.05	-0.08	-0.09	-0.11	143.7	2 0.22 Gyro		
4	200.00	100.00	0.54	8.36	200.00	0.21	0.43	-0.05	0.48	50.8	1 0.50 Gyro		
5	300.00	100.00	0.43	32.22	299.99	0.24	1.21	0.21	-0.11	23.8	6 0.23 Gyro		
6	400.00	100.00	0.45	10.25	399.99	0.25	1.92	0.48	0.02	-21.9	0.17 Gyro		
7	500.00	100.00	0.53	39.94	499.99	0.17	2.66	0.85	0.08	29.6	9 0.26 Gyro		
8	600.00	100.00	0.34	82.22	599.99	-0.23	3.05	1.44	-0.19	42.2	28 0.36 Gyro		
9	700.00	100.00	0.48	8.21	699.98	-0.40	3.51	1.80	0.14	-74.0	0.51 Gyro		
10	800.00	100.00	0.48	39.87	799.98	-0.43	4.24	2.12	0.00	31.6	66 0.26 Gyro		
11	900.00	100.00	0.53	345.69	899.98	-0.30	5.01	2.28	0.05	-54.1	.8 0.46 Gyro		
12	1000.00	100.00	0.69	6.11	999.97	0.13	6.06	2.23	0.16	20.4			
13	1100.00	100.00	0.72	354.02	1099.96	0.58	7.28	2.23	0.03	-12.0	9 0.15 Gyro		
14	1200.00	100.00	0.66	344.04	1199.96	1.22	8.46	2.00	-0.06	-9.9	98 0.13 Gyro		
15	1300.00	100.00	0.47	357.59	1299.95	1.73	9.43	1.83	-0.19	13.5	55 0.23 Gyro		
16	1400.00	100.00	0.11	345.79	1399.95	1.95	9.93	1.79	-0.36	-11.8	0.36 Gyro		
17	1500.00	100.00	0.03	309.37	1499.95	2.03	10.04	1.74	-0.08	-36.4	12 0.09 Gyro		
18	1600.00	100.00	0.08	50.46	1599.95	2.02		1.78	0.05	101.0			
19	1700.00	100.00	0.21	107.75	1699.95	1.81	10.09	2.01	0.13	57.2	29 0.18 Gyro		
20	1800.00	100.00	0.31	137.77	1799.95	1.38	9.83	2.36	0.10	30.0	0.17 Gyro		
21	1900.00	100.00	0.32	127.67	1899.95	0.87		2.76	0.01	-10.1	10 0.06 Gyro		
22	2000.00	100.00	0.41	124.48	1999.95	0.25	9.09	3.28	0.09	-3.3			
23	2100.00	100.00	0.42	111.54	2099.94	-0.46	8.75	3.92	0.01	-12.9	94 0.09 Gyro		
24	2200.00	100.00	0.51	117.58	2199.94	-1.27	8.41	4.65	0.09	6.0	<u>-</u>		
25	2300.00	100.00	0.27		2299.94	-1.94		5.28	-0.24	-21.9			
26	2400.00	100.00		143.94	2399.94	-2.55		5.78	0.25		•		
27	2500.00	100.00	0.86	99.27	2499.93	- 3.66		6.79	0.34				
28	2600.00	100.00		123.26	2599.92	-5.04		8.08	-0.11				
29	2700.00	100.00		112.16	2699.91	-6.61		9.49	0.32		, -		
30	2800.00	100.00	1.03			-8.42		11.24	-0.04	-13.0			
31	2900.00	100.00	0.95		2899.87	-10.10		12.96	-0.08		=		
32	3000.00	100.00		133.65	2999.86	-11.55		14.29	-0.14				
33	3100.00	100.00		148.14	3099.86	-12.67		15.11	-0.14		•		
34	3200.00	100.00		194.50	3199.84	-13.26		15.18	0.42				
35	3300.00	100.00	1.59	194.37	3299.82	-13.54	0.17	14.60	0.50	-0.:	13 0.50 Gyro		

Definitive Survey

36	3400.00	100.00	0.76	169.17	3399.80	-14.06	-1.83	14.38	-0.83	-25.20	0.96 Gyro
37	3500.00	100.00	0.73	132.28	3499.79	-15.01	-2.91	14.98	-0.03	-36.89	0.47 Gyro
38	3600.00	100.00	0.75	121.70	3599.78	-16.25	-3.68	16.01	0.02	-10.58	0.14 Gyro
ે.39 ે.ે	3700.00	100.00	1.02	101.42	3699.77	-17.77	-4.20	17.43	0.27	-20.28	0.41 Gyro
40	3800.00	100.00	1.14	102.07	3799.75	-19.63	-4.59	19.28	0.12	0.65	0.12 Gyro
41 .	3900.00	100.00	1.15	105.28	3899.73	-21.61	-5.06	21.22	0.01	3.21	0.06 Gyro
42	4000.00	100.00	1.15	113.15	3999.71	-23.61	-5.72	23.11	0.00	7.87	0.16 Gyro
43	4100.00	100.00	1.34	101.65	4099.69	-25.76	-6.35	25.18	0.19	-11.50	0.31 Gyro
44	4200.00	100.00	1.28	106.55	4199.66	-28.03	-6.90	27.40	-0.06	4.90	0.13 Gyro
45	4300.00	100.00	1.48	117.07	4299.63	-30.43	-7.81	29.62	0.20*	10.52	0.32 Gyro
46	4400.00	100.00		125.38	4399.60	-32.85	-9.08	31.73	-0.13	8.31	0.24 Gyro
47	4500.00	100.00	1.03	131:56	4499.58	-34.84	-10.36	33.36		6.18	0.34 Gyro
48	4600.00	100.00	1.09	131.22	4599.56	-36.58	-11.58	34.75	0.06	-0.34	0.06 Gyro
49	4700.00	100.00			4699.54	-38.49	-12.84	36.31		-4.39	0.15 Gyro
50	4800.00	100.00		122.05	4799.52	-40.46	-13.99	37.97	-0.10	-4.78	0.14 Gyro
51	4900.00	100.00			4899.50	-42.38	-15.34	39.51	0.15	17,72	0.39 Gyro
52	5000.00	100.00	others and the second	125.04	4999.48	-44.35	-16.77	41.06	-0.08	-14.73	0.32 Gyro
53	5100.00				5099.46	-46.05	-17.96	42.42	-0.27	13.85	0.37 Gyro
54	5200.00	100.00		142.41	5199.45	-47.35	-19.11	43.37	-0.11	3.52	0.12 Gyro
# 55 ***	** 5300:00°			132.59	of the same of the	-48.74	-20.24	44.42	0.17	-9.82	0.23 Gyro
56	5400.00	100.00		131.25	5399.43	-50.10	-21.21	45.50	-0.28	-1.34	0.28 Gyro
² 57∷.	5500.00	and the second second second	0.58	128.35	5499.42	-51.15	-21.92	46.35		-2.90	0:11 Gyro
58	5591.00	91.00	0.33	111.66	5590.42	-51.85	-22.30	46.95	-0.27	-18.34	0.31 Tie In
₹59	5741.00	150.00	1.00	228.60	5740.41	-51.68	-23.33	46.37	0.45	77.96	0.79 Mud Pulses
60	5805.00	64.00	100	275.20	5804.39	-50.25	-23.58	44.73	1.87	72.81	2.62 Mud Pulse
61	5869.00				5868.32	-47.36	-23.34	41.72	1.56	-1.41	1.56 Mud Pulse
62	5933.00	64.00		272.70	5932.21	-43.80	-23.11	37.99	0.47	-2.50	0.49 Mud Pulse
63	5997.00	and the second s	4.60	282.80		-39.41	-22.45	33.54	1.72	15.78	2.04 Mud Pulse
64	6060.00	63.00	6.60	292.90	6058.74	-33.29	-20.48	27.74	3.17	16.03	3.53 Mud Pulse
65%	and the second	and the financial of the same of the state of the same			6123.18	-24.77	-16.98	19.95	2.92	3.69	2.96 Mud Pulse
66	6188.00	63.00		295.70	6185.44	-15.21	-12.85	11.30	0.79	0.63	0.80 Mud Pulse
67		Carlo Charles Construction Construction	9.20	294.20	6248.64	-5.11	-8.58	2.13		-2.34	0:48 Mud Pulse
68	6317.00	65.00	edeka e a e	294.30	6312.77	5.44	-4.25	-7.50	0.46	0.15	0.46 Mud Pulse
·69	6381.00	and the second control of the second control			6375.74	16.81	1.01	-17.65	2.50	8.91	2.96 Mud Pulse
70	6446.00			300.60	6439.54	29.11	Company of the page of the Company	-28.41	-0.15	0.92	0.23 Mud Pulse
	6509.00				6501.40			-38.73		- 2.22 se	0:53 Mud Pulse 22 4 24
72	6574.00	and a supplied the state of the	handa da an an a	297.30	6565.31	52.65	18.84	-49.16	-0.92	-2.92	1.07 Mud Pulse
73	6638.00				6628.32	63.79	and the same of th	-59.05	-0.31	2.97	0.61 Mud Pulse
74	6701.00	and the Manual Police is and the Control of the Con	1977	304.10	6690.33	74.76	30.01	-68.53	0.63	7.78	1.52 Mud Pulse
75	6765.00	CONTRACTOR CARRY CO. CARRY CO. CAR. CAR. CAR. C. C.		306.20	was a second	85.98	the term of the second	-77.98	0.00	3.28	0.59 Med Pulse (a
76	6829.00			304.80	6816.24	97.07	43.31	-87.29	-0.31	-2.19	0.50 Mud Pulse
, ,	0025.00	U-1.00	10.20	304.50	3010.27	37.07	73.31	37.23	0.31	-4.13	0.50 Midd i dise

Definitive Survey

118	9496.00	63.00	1.60	321.50	9463.56	399.01	215.17	-344.29	-0.95	16.98	1.10 Mud Pulse
119	9560.00	64.00	1.50	328.90	9527.54	400.45	216.59	-345.28	-0.16	11.56	0.35 Mud Pulse
120	9623.00	63.00	0.80	337.90	9590.53	401.40	217.70	-345.87	-1.11	14.29	1.14 Mud Pulse
121	9686.00	63.00	0.60	348.30	9653.52	401.89	218.43	-346.10	-0.32	16.51	0.38 Mud Pulse
122	9750.00	64.00	0.60	358.40	9717.52	402.20	219.09	-346.18	0.00	15.78	0.17 Mud Pulse
123	9814.00	64.00	0.50	2.10	9781.52	402.42	219.71	-346.18	-0.16	5.78	0.17 Mud Pulse
124	9879.00	65.00	0.40	58.30	9846.51	402.38	220.11	-345.98	-0.15	86.46	0.67 Mud Pulse
125 👉	9942.00	63.00	0.50	101.60	9909.51	401.98	220.17	-345.52	0.16	68.73	0.55 Mud Palse
126	10005.00	63.00	0.90	145.20	9972.51	401.30	219.71	-344.97	0.63	69.21	1.01 Mud Pulse
127 🐦	10069.00	64.00	1.20	140.40	10036.50	400.29	218.78	-344.25	0.47	-7.50	0.49 Mud Pulse
128	10132.00	63.00	1.50	138.40	10099.48	398.98	217.65	-343.29	0.48	-3.17	0.48 Mud Pulse
129	10196.00	64.00	1.70	144.10	10163.46	397.44	216.26	-342.17	0.31	8.91	0.40 Muď Púlse
130	10259.00	63.00	1.80	144.60	10226.43	395.82	214.69	-341.05	0.16	0.79	0.16 Mud Pulse
131	10323.00	64.00	2.10	127.60	10290.39	393.86	213.16	-339.54	0.47	-26.56	1.01 Mud Pulse
132	10386.00	63.00	2.20	116.20	10353.35	391.54	211.92	-337.54	0.16	-18.10	0.70 Mud Pulse
133	10449.00	63.00	2.20	120.20	10416.30	389.14	210.78	-335.41	0.00	6.35	0.24 Med Pulse
134	10513.00	64.00	2.30	120.60	10480.25	386.66	209.51	-333.24	0.16	0.62	0.16 Mud Pulse
135	10577.00	64.00	2.50	117.50	10544.19	384.01	208.21	-330.90	0.31	-4.84	0.37 Mud Pulse
136	10639.00	62.00	2.70	112.20	10606.13	381.20	207.03	-328.35	0.32	-8.55	0.50 Mud Pulse
137	10702.00	ેુું 63.00	2.60	111.30	10669.06	378.29	205.95	-325.64	-0.16	-1.43	0.17 Mud Pulsek
138	10765.00	63.00	2.70	104.10	10731.99	375.39	205.07	-322.87	0.16	-11.43	0.55 Mud Pulse
139	10829.00	64.00	2.50	100.80	10795.93	-372.52	204.44	-320.04	-0.31	~5.16	0.39 Mud Pulse
140	10892.00	63.00	2.60	103.70	10858.87	369.75	203.85	-317.30	0.16	4.60	0.26 Mud Pulse
141	£10956.00	64.00	2.60	96.60	10922.80	366.91	203.34	-314.45	0.00	-11.09	0.50 Mud Pulse
142	11016.00	60.00	2.80	99.30	10982.73	364.16	202.94	-311.65	0.33	4.50	0.39 Mud Pulse
143	11070.00	54.00	2.80	99.30	11036.67	361.58	202.52	-309.05	0.00	0.00	0.00 Proj. to Bit

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Operations Summary Report

Well Name: RWU 34-22B (31)

Location: 22-7-S 23-E 27

43-042-15158

12/10/1953

Spud Date: Rig Release: 4/6/2012

Rig Number: 781

Rig Name:	AZTEC				Rig Number: 781					
Date	From - To	Hours	Code	Sub Code	Description of Operations					
3/19/2012	18:00 - 06:00	12.00	LOC	4	RIG DOWN READY RIG FOR TRUCKS					
3/20/2012	06:00 - 18:00	12.00		3	HELD PJSA MOVED PUMPS, PRE MIX TANK, PIPE TUBS, CAT WALK, GAS BUSTER, FLARE BOX, CHOKE MANIFOLD, KOOMY HOUSE AND JUNK TUBS, UNIT, SUB, WATER TANK, DOG HOUSE, PITS, ALL HOUSES, TOP DRIVE UNIT, BAR HOPPER, 400 BLL WATER TANK, NOV CHEMICALS, 100% MOVED.					
	18:00 - 06:00	12.00	LOC	4	PJSM / JSA FOR EVERY MAJOR JOB DURING RIG UP, RAISED DERRICK, LIGHTS, WIRES, HANDRAILS, STAIRS, TOP DRIVE TRACK, REPLACE 4 WAY ON KOOMY.					
3/21/2012	06:00 - 03:00	21.00		4	PJSM ON ALL MAJOR JOBS, RIG UP TOP DRIVE,INSTALL TOP DRIVE HOSE WRAP,INSTALL GROUND RODS, RIG UP TARPS ON FLOOR,INSPECT BHA, RIG UP FLOOR, PIT PUMP, FIRE EXT, CHANGE OUT ALL SHAKER RUBBERS, SERVICE AND START ALL MOTORS, GERNIMO ANCOR, CHANGE OUT WENCH LINE, HANG WIRES, HOOK UP ALL PASON, GENERAL RIG UP					
	03:00 - 05:00		LOC	4	QEP RIG INSPECTION AND FOLLOW UP REPAIRS					
	05:00 - 06:00	1.00	BOP	1	PJSM / JHA, NIPPLE UP BOP					
		0.00	DOD.		LOADER WAS DOWN FROM 00:00 TO 03:00 NIPPLE UP BOP, FLOW LINE, CHOKE LINE, AND BUSTER LINES					
3/22/2012	06:00 - 12:00 12:00 - 17:00	5.00	BOP BOP	2	HELD PJSM, AND TEST BOP, TEST PIPE/BLIND RAMS, TIW VALVE, I-BOP VALVE, SUPER CHOKE, CHOKE LINE VALVES AND MANIFOLD, 250 PSI LOW, 5000 PSI HIGH, TESTED ANNULAR TO 250 PSI LOW 2500 PSI HIGH					
	17:00 - 18:00		TRP	1	MAKE UP DIRECTIONAL ASSEMBLY AND ORIENT					
	18:00 - 18:30		RIG	1	RIG SERVICE					
	18:30 - 19:30		OTH		PJSM, RIG UP PICKUP MACHINE					
	19:30 - 22:30		TRP	2	PICK UP PIPE, TAG BRIDGE PLUG AT 987'					
	22:30 - 01:30		OTH		DRILL BRIDGE PLUG					
	01:30 - 03:30		TRP	2	PICK UP PIPE TO 2706'					
	03:30 - 04:30	1.00	OTH		ROLL OUT AND STRAP PIPE					
	04:30 - 06:00	1.50	TRP	2	PICK UP PIPE					
3/23/2012	06:00 - 06:30		TRP	2	PICK UP 3 1/2" DRILL PIPE TAG @ 5723'					
	06:30 - 07:30	1.00	CIRC	1	CIRCULATE BOTTOMS UP AND RIG DOWN WEATHERFORD LAYDOWN TRUCK					
	07:30 - 09:00	1.50	ОТН		HELD PJSA RIG UP AND RUN WIRELINE GYRO, WITH NATIVE NAVIGATION					
	09:00 - 12:00		DRL	2	DIRECTIONAL DRILL FROM 5723 TO 5859 MADE 136', 45 FT/HR 250GPM, 230 DIFF PSI, 45 RPM, 110 DOWN HOLE RPM, 10-12 WOB, 1150 OFF BTM PSI					
	12:00 - 12:30	0.50	RIG	1	ROUTINE RIG SERVICE, GREASE TOPDRIVE, AND BLOCKS					
	12:30 - 17:00	4.50	DRL	2	DIRECTIONAL DRILL FROM 5859 TO 6210, MADE 351', 78 FT/HR 250GPM, 230 DIFF PSI, 45 RPM, 110 DOWN HOLE RPM, 10-12 WOB, 1150 OFF BTM PSI					
	17:00 - 18:00		SUR	1	SURVEYS AND CONNECTIONS					
	18:00 - 05:00	11.00		2	DIRECTIONAL DRILL FROM 6210' TO 7030, MADE 820', 74.5 FT/HR, 280GPM, 400 DIFF PSI, 40 RPM, 112 DOWN HOLE RPM, 12-14 WOB, 1300 OFF BTM PSI					
	05:00 - 06:00		SUR	1	SURVEYS AND CONNECTIONS					
3/24/2012	06:00 - 09:30		DRL	2	DIRECTIONAL DRILL FROM 7030 TO 7300 MADE 270', 77 FT/HR, 280GPM, 400 DIFF PSI, 40 RPM, 112 DOWN HOLE RPM, 12-14 WOB, 1830 OFF BTM PSI					
	09:30 - 10:00		RIG	1	ROUTINE RIG SERVICE,					
	10:00 - 16:00		DRL	2	DIRECTIONAL DRILL FROM 7300 TO 7610 MADE 310', 51.6 FT/HR, 280 GPM, 400 DIFF PSI, 40 RPM, 112 DOWN HOLE RPM, 12-14 WOB, 1830 OFF BTM PSI					
	16:00 - 16:30		RIG	2	WORK ON PUMPS DIRECTIONAL DRILL FROM 7610 TO 7709 MADE 99', 198 FT/HR, 280 GPM, 400					
	16:30 - 17:00		DRL	2	DIFF PSI, 40 RPM, 112 DOWN HOLE RPM, 12-14 WOB, 1830 OFF BTM PSI					
	17:00 - 18:00		SUR	1	CONNECTIONS AND SURVEYS					
	18:00 - 19:00	1.00	RIG	2	PULL 5 STANDS, WELD ON PUMP (WASHED WEAR CAP GASKET SEATS) TRIP BACK IN					
	<u> </u>	<u></u>	l	1	Printed: 7/12/2012 10:58:01 AM					

QEP ENERGY

Operations Summary Report

Well Name: RWU 34-22B (31) Location: 22- 7-S 23-E 27

Rig Name: AZTEC

12/10/1953

Spud Date: 12/10/195 Rig Release: 4/6/2012 Rig Number: 781

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/24/2012	19:00 - 03:30	8.50	DRL	2	DIRECTIONAL DRILL FROM 7709 TO 7894 MADE 185', 21.7 FT/HR, 280 GPM, 400 DIFF PSI, 40 RPM, 112 DOWN HOLE RPM, 12-14 WOB, 1830 OFF BTM PS
	03:30 - 04:00	0.50	SUR	1	SURVEYS AND CONNECTIONS
	04:00 - 04:30	0.50	CIRC	1	CIRCULATE, PUMP SLUG
	04:30 - 06:00	1.50	TRP	12	TRIP FOR MOTOR
3/25/2012	06:00 - 08:00		TRP	2	TRIP OUT TO CHANGE MOTOR AND BIT
	08:00 - 09:00		DRL	3	CHANGE BIT, MOTOR AND ORIENT MWD TOOL
	09:00 - 12:30		TRP	2	TRIP IN HOLE WITH BIT #2, SURFACE TEST MWD @ 2,000'
	12:30 - 17:00		DRL	2	DIRECTIONAL DRILL FROM 7894 TO 8008 MADE 114', 25.3 FT/HR, 280 GPM,
	17:00 - 17:30		RIG	7	400 DIFF PSI, 40 RPM, 112 DOWN HOLE RPM, 12-14 WOB, 1830 OFF BTM PS SAFETY STAND DOWN
	1		SUR	1	SURVEYS AND CONNECTIONS
	17:30 - 18:00	10.50		2	DIRECTIONAL DRILL FROM 8008' TO 8088' MADE 80', 8.3 FT/HR, 215 GPM,
	18:00 - 04:30				200 DIFF PSI, 0 RPM, 56 DOWN HOLE RPM, 10-16 WOB, 1200 OFF BTM PSI
	04:30 - 05:00		RIG	1	RIG SERVICE
	05:00 - 05:30		DRL	2	DIRECTIONAL DRILL FROM 8088' TO 8107' MADE 19', 38 FT/HR, 215 GPM, 200 DIFF PSI, 0 RPM, 56 DOWN HOLE RPM, 10-16 WOB, 1200 OFF BTM PSI
	05:30 - 06:00		SUR	1	SURVEYS AND CONNECTIONS
3/26/2012	06:00 - 12:00	6.00	DRL		DIRECTIONAL DRILL FROM 8107' TO 8230' MADE 120', 20.5 FT/HR, 275 GPM 200 DIFF PSI, 45 RPM, 110 DOWN HOLE RPM, 12-15 WOB, 1800 OFF BTM PSI
	12:00 - 12:30	0.50	RIG	1	ROUTINE RIG SERVICE, SERVICE TOPDRIVE,
	12:30 - 15:00	2.50	DRL	2	DIRECTIONAL DRILL FROM 8230' TO 8275' MADE 45', 18 FT/HR, 275 GPM, 200 DIFF PSI, 45 RPM, 110 DOWN HOLE RPM, 12-15 WOB, 1800 OFF BTM PSI
	15:00 - 17:00	2.00	RIG		CHANGE AUXILARY HYDRAULIC PUMP AND TOPDRIVE POWER UNIT
	17:00 - 17:30	0.50	DRL	2	DIRECTIONAL DRILL FROM 8275' TO 8300' MADE 25', 50 FT/HR, 275 GPM, 200 DIFF PSI, 45 RPM, 110 DOWN HOLE RPM, 12-15 WOB, 1800 OFF BTM PSI
	17:30 - 18:00	0.50	SUR	1	SURVEYS AND CONNECTIONS
	18:00 - 22:00		DRL	2	DIRECTIONAL DRILL FROM 8300' TO 8325' MADE 25', 6.2 FT/HR, 275 GPM, 200 DIFF PSI, 45 RPM, 110 DOWN HOLE RPM, 12-15 WOB, 1800 OFF BTM PSI
	22:00 - 22:30	0.50	отн		CHANGE OUT MWD SURFACE EQUIPMENT
	22:30 - 05:30	7.00			DIRECTIONAL DRILL FROM 8325' TO 8450' MADE 125', 17.8 FT/HR, 245 GPM 200 DIFF PSI, 0 RPM, 63 DOWN HOLE RPM, 12-15 WOB, 1500 OFF BTM PSI
	05:30 - 06:00	0.50	SUR	1	SURVEYS AND CONNECTIONS
3/27/2012	06:00 - 07:00		DRL.	2	DIRECTIONAL DRILL FROM 8450' TO 8465 MADE 15', 15 FT/HR, 245 GPM, 20 DIFF PSI, 0 RPM, 63 DOWN HOLE RPM, 12-15 WOB, 1500 OFF BTM PSI
:	07:00 - 07:30	0.50	RIG		ROUTINE RIG SERVICE, SWAP LIGHT PLANTS, SERVICE TOPDRIVE
İ	07:30 - 09:30	2.00		2	DIRECTIONAL DRILL FROM 8465 TO 8500 MADE 35', 17.5 FT/HR, 245 GPM,
	07.30 - 03.30	2.00	DIVE.		200 DIFF PSI, 0 RPM, 63 DOWN HOLE RPM, 12-15 WOB, 1500 OFF BTM PSI
	09:30 - 10:00	0.50	RIG		SAFETY STAND DOWN DISCUSS REAL TIME JHA-EFFECTIVNESS
	10:00 - 17:00		DRL		DIRECTIONAL DRILL FROM 8500 TO 8767 MADE 267', 38.1 FT/HR, 245 GPM,
				_	200 DIFF PSI, 40 RPM, 103 DOWN HOLE RPM, 12-15 WOB, 1500 OFF BTM PSI
	17:00 - 18:00		SUR	1	SURVEY AND CONNECTIONS DIRECTIONAL DRILL FROM 8767 TO 8990 MADE 223', 19.3 FT/HR, 275 GPM,
·	18:00 - 05:30	11.50			DIRECTIONAL DRILL FROM 8/67 TO 8990 MADE 223, 19.3 F1/HR, 2/9 GPM, 200-300 DIFF PSI, 40 RPM, 111 DOWN HOLE RPM, 14-18 WOB, 1900 OFF BTM PSI
	05:30 06:00	0.50	SUR		SURVEYS AND CONNECTIONS
212012042	05:30 - 06:00				DIRECTIONAL DRILL FROM 8990 TO 9326, MADE 336', 37.3 FT/HR, 275 GPM,
3/28/2012	06:00 - 14:30	8.50	DRL		200-300 DIFF PSI, 40 RPM, 111 DOWN HOLE RPM, 16-18 WOB, 2100 OFF BTM PSI
	14:30 - 15:00	0.50	RIG		RIG SERVICE
	15:00 - 17:30			2	PJSM, WELD TORQUE TUBE T-BAR (PULLED AND WELDED THEN REPLACED)
	17:30 - 18:00	0.50	SUR		SURVEY AND CONNECTIONS
	17.50 - 10.00	0.50	JUIN	١ ١	WHITE I CHIE WITHWHITE

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Operations Summary Report

Well Name: RWU 34-22B (31) Location: 22- 7-S 23-E 27 Rig Name: AZTEC

12/10/1953 Spud Date: Rig Release: 4/6/2012 Rig Number: 781

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/28/2012	18:00 - 03:00	9.00	DRL	2	DIRECTIONAL DRILL FROM 9326 TO 9725, MADE 399', 44.3 FT/HR, 275 GPM, 200-300 DIFF PSI, 40 RPM, 111 DOWN HOLE RPM, 16-18 WOB, 2100 OFF BTM PSI
	03:00 - 03:30	0.50	SUR	1	SURVEY AND CONNECTIONS
	03:30 - 04:00		CIRC	1	CIRCULATE BOTTOMS UP, PUMP SLUG
	04:00 - 06:00		TRP	10	PJSM, TRIP OUT
3/29/2012	06:00 - 08:30	2.50	TRP	10	TRIP OUT FOR BIT
	08:30 - 09:30	1.00	DRL	3	CHANGE OUT BIT AND MOTOR, SCRIBE AND ORIENT MWD TOOL
	09:30 - 11:30		TRP	2	TRIP IN TO 7" @ 5720' FILL PIPE AND BREAK CIRCULATION
	11:30 - 13:00	1.50	RIG	6	SLIP AND CUT 120' OF DRILL LINE
	13:00 - 15:30		TRP	2	TRIP IN HOLE BREAK CIRCULATION @ 7,200' AND 9,663'
	15:30 - 16:00		REAM	1	SAFETY REAM TO BOTTOM FROM 9,663 TO 9,725 WITH 28' OF FILL
	16:00 - 17:30		DRL	2	DIRECTIONAL DRILL FROM 9725' TO 9804' MADE 79', 52.6 FT/HR, 275 GPM, 200-300 DIFF PSI, 40 RPM, 111 DOWN HOLE RPM, 14-16 WOB, 2100 OFF BTM PSI
	17:30 - 18:00	0.50	RIG	1	RIG SERVICE
	18:00 - 23:30	l	DRL	2	DIRECTIONAL DRILL FROM 9804' TO 10059' MADE 255', 46.3 FT/HR, 275 GPM 200-300 DIFF PSI, 40 RPM, 111 DOWN HOLE RPM, 14-16 WOB, 2100 OFF BTM PSI
	23:30 - 00:00	0.50	RIG	2	CHANGE OUT AIR LINE FOR DRAWORKS MOTOR CLUTCH
	00:00 - 05:00		DRL	2	DIRECTIONAL DRILL FROM 10059' TO 10440' MADE 255', 46.3 FT/HR, 275 GPM, 200-300 DIFF PSI, 40 RPM, 111 DOWN HOLE RPM, 14-16 WOB, 2100 OFF BTM PSI DRILLING WITH A 12' FLARE 2100 UNITS, BTMS UP FLARE 20' 4200 UNITS RAISING MUD WT, TO 9.8 PPG
	05:00 - 06:00		SUR	1	SURVEYS AND CONNECTIONS
3/30/2012	06:00 - 16:30	10.50	DRL	1	DIRECTIONAL DRILL FROM 10440 TO 10851' MADE 411', 39.1 FT/HR, 255 GPM, 200-300 DIFF PSI, 40 RPM, 106 DOWN HOLE RPM, 14-16 WOB, 2100 OFF BTM PSI DRILLING WITH A 12' FLARE 2100 UNITS, BTMS UP FLARE 20' 4200 UNITS RAISING MUD WT, TO 10.0 PPG BYPASSED SHAKERS TO MAINTAIN LCM TO 2%, AND TO CURE SEEPAGE
	16:30 - 17:00	0.50	RIG	1	RIG SERVICE
	17:00 - 18:00		SUR	1	SURVEYS AND CONNECTIONS
	18:00 - 23:00	5.00	DRL	1	DIRECTIONAL DRILL FROM 10851 TO 10970' MADE 119', 23.8 FT/HR, 255 GPM, 200-300 DIFF PSI, 40 RPM, 106 DOWN HOLE RPM, 14-16 WOB, 2100 OFF BTM PSI
	23:00 - 23:30	0.50	RIG	7	SAFETY STAND DOWN, BRAKES GOT WET AND SLIPPED, EXCESS WEIGHT BENT TOP JOINT, STOP JOB, DISCUSS WATCHING OVER NEW HIRE, LAY DOWN BENT JOINT
	23:30 - 00:00	0.50	SUR	1	CONNECTIONS AND SURVEYS
	00:00 - 03:30	3.50			DIRECTIONAL DRILL FROM 10970' TO 11,070' MADE 100', 29 FT/HR, 255 GPM, 200-300 DIFF PSI, 40 RPM, 106 DOWN HOLE RPM, 14-16 WOB, 2100 OFF BTM PSI
	03:30 - 04:00		CIRC	1	T.D. WELL AND CIRCULATE RAISING MUD WT. TO 10.3PPG
	04:00 - 06:00	2.00	WCL	1	SHUT IN WELL, 30 BBLS GAIN, SICP 400 PSI, CIRCULATED @ 1,100 PSI DRILL PIPE PRESSURE MAINTAINING PIT VOLUME AND MANIPULATING CHOKE TO MAINTAIN CONSTANT PRESSURE AND PIT VOLUME RAISING MUD WT. TO 10.4PPG, MAINTAINED FLOW THROUGH OUT CIRCULATION
3/31/2012	06:00 - 06:30	0.50	CIRC	1	CIRCULATE OUT GAS THRU CHOKE
	06:30 - 07:00		CIRC	1	OPEN WELL, CIRCULATE, WELL STARTED TO KICK AGAIN
	07:00 - 14:00		CIRC	1	SHUT IN WELL, CIRCULATE THRU CHOKE, RAIS EMUD WT, WT 11.2 IN, 10.8 OUT
	14:00 - 17:30	3.50	CIRC	1	OPEN WELL, CIRCULATE, MIX LCM, HOLE TAKING FLUID, BUILD VOLUME, MUD WT PRIOR TO SHORT TRIP 11.1 IN, 10.9 OUT

QEP ENERGY

Operations Summary Report

Well Name: RWU 34-22B (31) Location: 22- 7-S 23-E 27 Location:

Rig Name: AZTEC

12/10/1953

Spud Date: 12/10/195 Rig Release: 4/6/2012 Rig Number: 781

Date	From - To	Hours	Code	Sub Code	Description of Operations
/31/2012	17:30 - 19:00	1.50	TRP	14	SHORT TRIP, PULL SLOW, HOLE SWABBING, PULL 10 STDS, TIGHT AT 10,400
	19:00 - 20:00		ОТН		WORK TIGHT HOLE AT 10,400', BACK REAM THRU TIGHT SPOT AT 10,400'.
					GAS TO SURFACE AT 4900 STKS (AROUND 9000')
	20:00 - 21:30	1.50	CIRC	1	CIRCULATE OUT GAS THRU BUSTER @80 STKS, 20' FLARE FOR 1 HR.
	21:30 - 23:00	1.50	TRP	14	FINISH SHORT TRIP 5 MORE STANDS OUT TO 10,123'. WELL SWABBING
					VERY LITTLE, FLOWING 1/4" STREAM. ON WAY BACK IN, WELL FLOWING 1"
			1	1	STREAM, REAMED OUT BRIDGE AT 10330'.
	23:00 - 00:00	1.00	CIRC	1	CIRCULATE, GAS TO SURFACE @4300 STKS (BOTTOMS UP IS 6100 STKS),
		ļ			30 BBL GAIN
	00:00 - 03:30	3.50	CIRC	1	SHUT IN WELL, CIRCULATE THRU CHOKE, MOVING PIPE THRU ANNULAR,
		-	l	Į	LOST PARTIAL RETURNS, REGAIN FULL CIRCULATION, BUILD VOLUME, MIX
					LCM, RAISE MUD WT TO 11.2 IN, 10.7 OUT
	03:30 - 06:00	2.50	CIRC	1	OPEN UP WELL, CIRCULATE, RAISE MUD WT TO 11.3
/1/2012	06:00 - 13:00	7.00	CIRC	1	CIRCULATE RAISING MUD WT. FROM 11.3 PPG, TO 11.6 PPG FIGHTING
	1				LOSSES AND RAISING LCM TO 10% LOSS OF 80 BBLS WHILE RAISING MUD
•				-	WT, 3 COMPLETE SURFACE TO SURFACE CIRCULATIONS
					@ 3 BBLS A MINUTE
	13:00 - 16:00	3.00	TRP	14	MIX SHORT TRIP SLUG WITH LOW LCM MUD FROM PREMIX, SHORT TRIP
	16:00 - 17:00		отн		WORK TIGHT HOLE @8850'
	17:00 - 21:00	4.00	TRP	14	SHORT TRIP TO SHOE (PULL SLOW) HOLE SWABBING TO 8000'
	21:00 - 23:00	2.00	TRP	14	TRIP IN AT MODERATE RATE, BREAK CIRCULATION EVERY 20 STANDS
	23:00 - 23:30		REAM	1	REAM OUT BRIDGE AT 8125', REAMED EASY
	23:30 - 00:00		CIRC	1	LOSING PARTIAL CIRCULATION. CIRCULATE AND REGAIN FULL
					CIRCULATION, LOST 24 BBLS.
	00:00 - 01:30	1.50	TRP	14	TRIP IN, BREAK CIRCULATION EVERY 15 STANDS, HOLE STABLE
	01:30 - 02:30		REAM	1	REAM OUT BRIDGES FROM 9804' TO 9836' AND AT 10103' (TOUGHER
	1				REAMING)
	02:30 - 03:00	0.50	TRP	14	TRIP IN
	03:00 - 03:30		REAM	1	SAFETY REAM 60' TO BOTTOM, 6' FILL
	03:30 - 06:00		CIRC	1	CIRCULATE, 20' BOTTOMS UP FLARE, 12 BBL GAIN, 100 PSI LOSS, NO
				·	LOSSES
1/2/2012	06:00 - 07:00	1.00	CIRC	1	CIRCULATE FOR WIPER TRIP, AND MIX DRY PILL
	07:00 - 12:00		TRP	14	PUMP PILL AND SHORT TRIP 48 STANDS TO 8,000'
	12:00 - 13:00		CIRC	1	CONDITION MUD AND CIRCULATE FOR TRIP OUT FOR LOGS
	13:00 - 13:30		RIG	1	ROUTINE RIG SERVICE
	13:30 - 14:30		CIRC	1	PUMP 35 SACK WALNUT SWEEP, DISPLACE WITH 13# ECD PILL 80 BBLS
	14:30 - 16:00		TRP	2	TRIP OUT TO RUN LOGS, USING TRIP SHEET TO ENSURE PROPER HOLE
	14,00			-	FILLING VOLUMES
	16:00 - 17:00	1 00	RIG	2	#1 MOTOR DOWN, WORK ON WIRING
	17:00 - 18:00	1.00	CIRC	1	BUILD AND SPOT WALNUT PILL, CHASE WITH DRY JOB
	18:00 - 00:30		TRP	2	TRIP OUT FOR LOGS
	00:30 - 01:00		TRP	2	LAY DOWN DIRECTIONAL TOOLS
	01:00 - 02:30		LOG	1	PJSM, RIG UP THRU BIT LOGGING
	02:30 - 06:00		LOG	1	LOG, LOGGERS TD - 11078'
/3/2012	06:00 - 09:00		LOG	1	RUN WIRELINE LOGS WITH THRU BIT AND RIG DOWN LOGGERS
TOTAU IZ	09:00 - 09:30		RIG		ROUTINE RIG SERVICE
	09:30 - 13:00		TRP	2	HELD PJSA MAKE UP BIT AND BIT SUB TRIP IN HOLE TO 7" SHOE @ 5720
	13:00 - 13:30		CIRC	1	ATTEMPT TO CIRCULATE
	13:30 - 14:00		TRP	13	PJSM, TRIP FOR PLUGGED STRING
			RIG	2	REPAIR WIRING ON POWER PACK
	14:00 - 15:30			13	TRIP OUT WET, OPERATE PIPE AND BLIND RAMS
	15:30 - 20:30		TRP	13	UNPLUG FLOAT SUB AND BOTTOM COLLAR, CLEAN FLOOR
	20:30 - 21:30		OTH TRP	15	TRIP IN, BREAK CIRCULATION AT 1100', 3500'
	21:30 - 02:00	4.50	IRP	15	TRIP III, BREAK GINGGEATION AT TIOU, 3000

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QEP ENERGY

Operations Summary Report

Well Name: RWU 34-22B (31) Location: 22- 7-S 23-E 27

Location: 22- 7-S Rig Name: AZTEC

Spud Date:

12/10/1953

Rig Release: 4/6/2012 Rig Number: 781

Date			Code	ode Sub Code	Description of Operations
1/3/2012	02:00 - 02:30	0.50	CIRC	1	CIRCULATE OUT DRY JOBS AT 5680'
	02:30 - 04:00		TRP	15	TRIP IN, BREAK CIRCULATION AT 7679', TAG BRIDGE AT 8615'
	04:00 - 06:00		REAM	1	REAM OUT INTERMITTENT BRIDGES FROM 8615' TO 8830'
/4/2012	06:00 - 13:30		REAM	1	REAM FROM 8830' TO 11070'
14/2012			CIRC	1	CIRCULATE, PJSM, PUMP DRY JOB
	13:30 - 15:00			14	SHORT TRIP TO 8570', 3' FILL
	15:00 - 18:00		TRP	1 '	CIRCULATE, 12' BU FLARE, PJSM, RIG UP LAYDOWN MACHINE, PUMP 30 SX
	18:00 - 20:30		CIRC	1	WALNUT, DISPLACE INTO OPEN HOLE ANNULAS, PUMP DRY JOB
	20:30 - 06:00		TRP	3	LAY DOWN PIPE
1/5/2012	06:00 - 08:00		BOP	1	CHANGE TO 4.5 RAMS FOR CASING RUN
	08:00 - 11:00		ВОР	2	ATTEMPT TO TEST RAMS WOULD NOT TEST, KNIGHT BROUGHT OUT NEW RAMS, TEST 250 LOW, 5000 HIGH, RIG DOWN TESTER
	11:00 - 13:00	2.00	CSG	1	PJSM RIG UP GATOR BACK CRT & CASING TONG CREW
	13:00 - 19:00	6.00	CSG	2	PJSM RUN CASING, CHECK FLOATS, MAKE UP FLOATS PIGGY BACK, RUN
					ONE JOINT AND TEST FLOATS, RUN 30 JOINTS FILL AND CIRC 5 MINUTES, RUN TO 1869' INSTALL ROTATE HEAD, RUN TO 5625' BREAK CIRCULATION, FULL CIRCULATION FOR ABOUT 17 BBLS GOOD FLOW GOOD PRESSURE BLEW POP OFF AT 3400 PSI, PLUGGED FLOATS
	19:00 - 03:30	8.50	CSG	2	PJSM / LAY DOWN CASING DO TO PLUGGED FLOATS 136 JTS / 5625'
	03:30 - 04:30	1 00	CSG	1	CLEAN FLOOR, PJSM / RIG UP TO RUN CASING AND INSTALL CIRCULATING
	03.30 - 04.30	1.00	000	•	TOOL. MAKE UP FLOAT EQUIPMENT AND TEST FLOATS
	04:30 - 06:00	1.50	CSG	2	PJSM / RUN 4 1/2" CASING
	04:50 - 00:00	1.50	000	-	CIRCULATE AT NUMBER 5, 10, 20, 30, 40 AND EVERY 25JTS TO SHOE
1/6/2012	06:00 - 13:00	7.00	csG	2	RUN CASING CIRCULATE EVERY 10 JTS FOR 5 TO 10 MIN TO THE SHOE, CIRCULATE BOTTOMS UP @ THE SHOE, CLEANING MUD SYSTEM
	13:00 - 00:30	11.50	CSG	2	RUN CASING START WASHING EVERY JOINT FROM SHOE, CIRCULATE BOTTOMS UP AT 7000', 8500', 11,000', WORKING PIPE COUNTINOUS MOVEMENT, PICK UP AND WASH TO BOTTOM
	00:30 - 02:30	2.00	CIRC	1	TAG BOTTOM AT 11,083' / RUN CASING TO 11,069 CIRCULATE CASING ON BOTTOM / WORKING PIPE / FULL RETURNS PJSM, RIG DOWN CASING CREW
				1	PJSM, RIG UP CEMENTERS / CEMENT
	02:30 - 06:00	3.50	wot	1	WAIT ON 10# SPACER AND 11.5# CEMENT TO BEL DELIVERED, CIRCULATING, CASING AT4 BPM, CONDITION MUD, MAINTAIN 11.6/11.7# WT HOLE IS SEEPING AT 3 BPH / MIXED LIGHT LCM SWEEP
4/7/2012	06:00 - 09:30	3.50	СМТ	2	WAIT ON 10# SPACER AND 11.5# CEMENT TO BEL DELIVERED, CIRCULATING, CASING AT4 BPM, CONDITION MUD, MAINTAIN 11.6/11.7# WT HOLE IS SEEPING AT 3 BPH / MIXED LIGHT LCM SWEEP
	09:30 - 13:00	3.50	СМТ	2	PJSM, TEST LINES TO 5000 PSI, PUMP 10 BBLS WATER SPACER 8.34 PPG, 20 BBLS SUPER FLUSH 10 PPG, 10 BBLS WATER SPACER, 257 BBLS (580SACS 11.5, 2.49Y, 15.84 GAL/SK) LEAD CEMENT, 74 BBLS (250 SACS, 13 PPG, 1.66Y, 8.23 GAL/SK) TAIL CEMENT, DISPLACEMENT 172 BBLS (KCL 2%), ALL PUMPED AT 4BPM, BUMP PLUG 2550 PSI, FLOATS HELD 2 BBL BACK TO TRUCK, 31 BBLS CEMENT TO SURFACE, EST TOP OF TAIL 8700' PJSM RIG
	13:00 - 14:30 14:30 - 18:00		BOP BOP	1	DOWN CEMENTERS NIPPLE DOWN SET SLIPS @ 135K, SET LOCK PINS & ROUGH CUT CASING FINISH NIPPLE DOWN BOP, CHOKE MANIFOLD, GAS BUSTER, FLARE LINES, CLEAN PITS

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QEP ENERGY

Operations Summary Report

Well Name: RWU 34-22B (31) Location: 22- 7-S 23-E 27 Rig Name: BASIN WELL SERVICE

Spud Date:

12/10/1953

Rig Release: 11/28/2011 Rig Number: 4

Rig Name:	BASIN WEI	LL SERV	/ICE		Tig Hallbon
Date	From - To	Hours	Code	Sub Code	Description of Operations
4/17/2012	08:00 - 10:00	2.00			FRAC MV ZONE #1 WITH 115300# PER DESIGN
	10:00 - 11:30	1.50			SET FRAC PLUG AT 10600' AND PERF.MV GROSS 10123-10422'
	11:30 - 14:00	2.50			START FRAC ON STAGE #2PUMP 2000# SAND AND LOST PUMP. CHANGE
					OUT PUMP AND RESUME FRAC. FRAC MV INT.#2 WITH 88500# AS DESIGN
	14:00 - 15:30	1.50		1	SET COMP.BP AT 6000'. SI WELL FOR NIGHT, TURN OVER TO COMPLETION
	14.05	""			DEPT.RIG
4/18/2012	05:30 - 07:00	1.50	TRAV	1	4/18/2012. CREW TRAVEL
4/10/2012	07:00 - 08:00		LOC	3	SAFETY MEETING ON RIGING UP. ROAD RIG & EQUIPMENT TO LOCATION
	08:00 - 09:00		LOC	4	SPOT IN RURIG X-O TO TBG EQUIPMENT
	09:00 - 10:30		BOP	1	IND FRAC VALVE INUIDOP STACK, RU FLOOR & TBG EQUIPMENT
	10:30 - 15:30		TRP	5	TALLY MILL & PUMP OFF BIT SUB, F-NIPPLE, 190 JNTS OF 2.375 L-80 TBG.
	10.50 - 15.50	0.00	'''		TAG UP ON KILL PLUG @ 6000'
	15:30 - 16:00	0.50	SEQ	1	DU DOWER SWIVEL & RIG PUMP
	16:00 - 16:30		CIRC	3	FILL HOLE WITH 20 BBLS TO GET CIRC. TEST BOPS TO 2000 PSI. GOOD
	16,00 - 16.30	0.50	Circo	١	TEST BLEED OFF
-	40.00 40.00	4.50	DRL	5	TAG UP ON KILL PLUG START DRILLING OUT PLUG GET IT DRILLED UP IN 10
	16:30 - 18:00	1.50	DKL	3	MIN. RUN 2 TO 6 DOWN ON BIT. SWIVEL RPM 98. PUMP RATE OF 1.5 BPM.
					TAKE A KICK ON PUMP UP TO 1500 PSI. & CASING PSI UP TO 550. TALLY &
	•			1	RIH TO 7937.5'. CLOSE TBG IN. CLEAN UP. TRUN WELL OVER TO FLOW
	ļ			ŀ	BACK CREW
		4.50	7772.43.7		CREW TRAVEL
	18:00 - 19:30		TRAV	1	4/19/2012. CREW TRAVEL
4/19/2012	05:30 - 07:00		TRAV	1	SAFETY MEETING ON DRILLING OUT PLUGS & LINE PSI. CHECK SITP=0,
	07:00 - 07:15	0.25	RIG	7	FCP=1150, CASING FLOWING ON A 24/64 CHOKE
				1_	TALLY & PICK UP 82 JNTS OF 2 3/8" L-80 TBG. TAG UP ON FRAC PLUG @
	07:15 - 09:00	1.75	TRP	5	
				1_	10,600' RU SWIVEL & PUMP. FILL WITH 15 BBLS. DRILL OUT PLUG IN 15
	09:00 - 09:30		DRL	5	TALLY & PICK UP 12 JNTS TAG UP @ 10,980' CLEAN OUT SAND TO 11,056'
	09:30 - 11:00		TRP	5	CIRC SAND OFF BOTTOM FOR 10 MIN AT 2 BPM. PUMP 20 GALS OF CHEM.
	11:00 - 11:30	0.50	CIRC	1	CIRC SAND OFF BOTTOM FOR TO WHITE AT 2 DE MILT CHAIR 20 CALCO OF OTTES IN
					DISPLACE WITH 40 BBLS RD SWIVEL. POOH LD 12 JNTS. MAKE UP TBG HANGER. LAND TBG IN WELL
	11:30 - 13:00	1.50	1		RD SWIVEL, POON ED 12 JUINS, WAKE OF TBG TIANGER. BAND TBG IN THE
	İ				HEAD. EOT @10,715'. ISIP ON CASING 1000 RD FLOOR. ND BOPS. DROP BALL DOWN TBG. NU WELL HEAD & FLOW LINE
	13:00 - 14:00	1.00		1	PUMP 15 BBLS TO SEAT BALL. PAI UP TO 2500 TO PUMP BIT OFF. PUMP 5
	14:00 - 14:30	0.50	CIRC	3	PUMP 15 BBLS TO SEAT BALL. PAT UP TO 2500 TO POMP BIT OF THE OWN S
					MORE BBLS @ 750 PSI. RD RIG PUMP
	14:30 - 15:30	1.00	LOC	4	RIG DOWN CLEAN UP LOCATION. TRUN WELL OVER TO PRODUCTION.
					ROAD RIG TO THE RW 34-14B
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77	6893.00 64	4.00	9.80 306.20	6879.27	107.85	49.76	-96.34	-0.63	2.19	0.73 Mud Pulse
78	The second of th		9.30 305.50	6942.38	118.13	***	-104.95	-0.78	-1.09	0.80 Mud Pulse
79	And the second s		8.90 304.10	7003.60	127.66		-113.00	-0.65	-2.26	0.74 Mud Pulse
80	entre de la companya de la companya de la companya de la companya de la companya de la companya de la companya		8.40 301.80	7064.90	136.80		-120.82	-0.81	-3.71	0.98 Mud Pulse
81	7145.00 64		7.80 302.70		145.65		-128.45	-0.94	1.41	0.96 Mud Pulse
82	Name of the Control o		8.50 302.60	7191.61	154.55		-136.09	1.09	-0.16	1.09 Mud Pulse
83	7272.00 63	3.00	7.80 304.90	7253.98	163.27		-143.51	-111	3.65	1.23 Mud Pulse
84	7335.00 63	3.00	6.90 305.00	7316.46	171.11	Acres and	-150.12	-1.43	0.16	1.43 Mud Pulse
85	7399.00 64	4.00	6.70 302.00	7380.01	178.51	90.11	-156.44	-0.31	-4.69	0.64 Mud Pulse
86	7463.00 64	4.00	6.90 299.50	7443.56	185.99		-162.95	0.31	-3.91	0.56 Mud Pulse
87	7527.00 64	1.00	7.30 301.90	7507.07	193.79	98.02	-169.75	0.62	3.75	0.78 Mud Pulse
88	7591.00 64	1.00	7.10 299.70	7570.56	201.70		-176.63	-0.31	-3.44	0.53 Mud Pulse
89	7655.00 64	1.00	7.30 294.50	7634.06	209.67	105.78	-183.77	0.31	-8.13	1.06 Mud Pulse
90	7718.00 63	3.00	7.50 290.80	7696.53	217.78		-191.26	0.32	-5.87	0.82 Mud Pulse
91		3.00	7.60 291.50	7758.99	226.06	111.89	-198.98	0.16	1.11	0.22 Mud Pulse
92	7844.00 63	3.00	6.60 296.80	7821.51	233.83	115.04	-206.08	-1.59	8.41	1.90 Mud Pulse
93	7907.00 63	3.00	5.80 296.90	7884.14	240.60	118.12	-212.15	-1.27	0.16	1.27 Mud Pülse
94	7970.00 63	3.00	3.60 298.30	7946.92	245.74	120.50	-216.73	-3.49	2.22	3.50 Mud Pulse
_ 95	8030.00 60		4.30 286.90	8006.78	249.85	122.04	-220.55	1.17	-19.00	1.75 Mud Pulse
96	8098.00 68	3.00	6.90 287.70	8074.45	256.47	124.03	-226.88	3.82	1.18	3.83 Mud Pulse
97	8163.00 65	5.00	6.80 289.00	8138.98	264.21	126.47	-234.24	-0.15	2.00	0.28 Mud Pulse
98	8226.00 63	3.00	6.10 295.70	8201.59	271.27	129.13	-240.78	-1.11	10.63	1.63 Mud Pulse
99	And the second s	5.00	6.20 309.90	8266.22	278.04	132.88	-246.58	0.15	21.85	2.34 Mud Pulse
100			7.60 310.50		285.21	137.77	-252.36	2.22	0.95	2.22 Mud Pulse
101	radional and a registration of the dealers and have a 1970 this article of the colors.	3.00	8.20 312.60	8391.16	293.33	143.52	-258.84	0.95	3.33	1.06 Mud Pulse
102			9.10 311.90	8454.43	302.32	149.99	-265.96	1.41	-1.09	1.42 Mud Pulse
103	and the Committee of th	* * 1 7 h Sec	9.20 313.40	As a company of the	311.66	156.77	-273.33	0.16	2.38	0.41 Mud Pulse
104	dependent of the second of the property of the property of the second		8.40 313.60	8579.88	320.73		-280.43	-1.25	0.31	1.25 Mud Pulse
105			7.30 312.70			169.40	-286.71	-1.75	-1.43	1.76 Mud Pulse
106	and the second s		7.30 313.00	8704.77	336.16		-292.58	0.00	0.48	0.06 Mud Pulse
A	section of a constraint of the		6.80 312.80	W	343.58	180.28	-298.42	-0.77	-0.31	0.77 Mud Pulse
108	Parameter and a second of the		7.10 304.60		350.85	4.4	-304.36	0.48	-13.02	1.64 Mud Pulse
109	Carrier Committee Committe		6.30 302.00	erten in the second of the second	358.03		-310.50	-1.27	-4.13**	1.36 Mud Pulse
110	40.0		6.40 302.40		364.98		-316.49	0.16	0.62	0.17 Mud Pulse
111	Control of the Contro	the second product	6.20 305.50	and the second second	Marin and the Complete State of the State of	The state of the s	-322.22	0.32	4.92	0.63 Mud Pulse
112	Surrough State and a country of an other configurations, and		5.60 310.20	9084.28	378.04		-327.42	-0.94	7.34	1.20 Mud Pulse
113	destitution delicinate in the control of the second of the		4.50 308.90	Application of the contract of	383.39	and the second of the	-331.76	1.72	-2.03	1.73 Mud Pulse
114	make the contract of the contr	Are a second	3.60 310.30	9210.87	387.61	William Control of the Control	-335.19	-1.43	2.22	1.44 Mud Pulse
115			3.40 312.00		391.29		-338.14	-0.31	2.66	0.35 Mud Pulse
116	CARROLL CONTRACTOR OF THE SECURITY OF THE SECU		2.80 309.10	9337.66	394.50		-340.72	-0.95	-4.60	0.98 Mud Pulse
117	9433.00 63	3.00	2.20 310.80	9400.60	397.11	213.69	-342.83	-0.95	2.70	0.96 Mud Pulse

CONFIDENTIAL

																	·	
		C	EPAR1			F UT	AH . RESOI	URCES	5				(higl	nlight c	REPOI hanges)		RM 8
		D	IVISIC	ON OF	OIL,	GAS A	AND N	MINING	G					NSE DES TU-08		N AND SE	RIAL NUMBI	ER:
WEL	L COM	IPLETI	ON C	OR R	ECC	MPL	ETIO	N RE	PORT	AND	LOG		6. IF I	NDIAN, A	ALLOTTE	E OR TRIE	BE NAME	
1a. TYPE OF WELL	:	OIL WE	LL \square	G W	AS ÆLL 🔽	7	DRY [OTHER	}				T or CA		ENT NAM	E	
b. TYPE OF WORI NEW WELL.	K: HORIZ. LATS.] DEE	EP. Z	R E	E- NTRY]	DIFF. RESVR.		OTHER	R				LL NAMI	E and NU -22B	VIBER:		
2. NAME OF OPER. QEP Ener		pany												3047	r: 15158			
3. ADDRESS OF OR 1050 17th S		te. 50(cn	y Den	ver		STATE	со	ZIP 802	265		NUMBER: 308-3	060	F	Red W	/ash	R WILDCA		
4. LOCATION OF WAT SURFACE: AT TOP PRODU	657' FS	L, 1982		OW:										TR/QTR, ERIDIAN			BHIP, RANGE	Ξ,
AT TOTAL DEPT	900	> 2	291		JH6	64	HSM	\wedge					4	ounty intah			3. STATE	UTAH
14. DATE SPUDDE 3/23/2012	D: 1	15. DATE T.I 3/30/20		IED:		E СОМР 12012		Å	ABANDONED	· 🗌	READY TO P	RODUC		56	604' - H		, RT, GL):	
18. TOTAL DEPTH:		.070 .982	ملہ	9. PLUG I	BACK T.	D.: MD			20. IF MU	ILTIPLE CO	OMPLETIONS	, HOW N	IANY?*		TH BRIDG UG SET:	E MD TVD)	
Quad Comb	,		II strings	set in we	·II)					WAS DST	L CORED? RUN? NAL SURVEY	?	NО <u>.</u> NО <u>.</u> NО [<u> </u>	res res res 	(Subr	mit analysis) mit report) mit copy)	
HOLE SIZE	HOLE SIZE SIZE/GRADE WEIGHT (#/ft.) TOP (MD) BOTTOM (MD) STAGE CEMENTER DEPTH NO. OF SACKS							SLUR VOLUME		CEMEN	IT TOP **	AMOUNT	PULLED					
6.125"	4.5	P11 <u>6</u>	11.6	6	()	11,(069			ClassG	830	33	1	14	430		
					·					-		*,						
25. TUBING RECO	RD			· · · · · ·														
SIZE	DEPTH	SET (MD)	PACKE	R SET (N	MD)	SIZE		DEPTH	SET (MD)	PACKE	R SET (MD)		SIZE		EPTH SE	T (MD)	PACKER S	SET (MD)
26. PRODUCING II	NTERVALS								2	7. PERFO	RATION REC	ORD						
FORMATION		TOP (вотто		TOP	(TVD)	вотто	M (TVD)		AL (Top/Bot - N	_		NO. HOL			RATION STA	TUS
(A) Mesa Ve	rde	10,	123	10,	830					10,123	10,	830	.35	96	_		Squeezed	—
(B)		<u> </u>						-			<u> </u>				Ope	一一	Squeezed	<u> </u>
(C)						ļ		<u> </u>							Ope		Squeezed	<u> </u>
(D)		Д.,				<u> </u>					· · ·				Ope		Squeezed	<u> Ш</u>
28. ACID, FRACTU	IRE, TREATN	MENT, CEME	NT SQUE	EZE, ETC). 				AMO	UNT AND	TYPE OF MAT	ERIAL	**		KE	CEIV	ED_	
10,123' - 10			38 B	bl 15%	% HCI	, 8,56	3 Bbl s	lick w	ater, 1,0	000 sks	s 30/50 s	and		i	MAY	232	2012	
														אום	^	<u></u>		
														J. V.	ur UIL,	GAS &	MINING	
29. ENCLOSED A	TTACHMENT	S:														30. WEL	LL STATUS:	
ELEC	TRICAL/MEC	HANICAL LO	GS					GEOLOG	SIC REPORT		DST REPOR	T 🔽	DIREC	FIONAL S	SURVEY	P	roduc	ing

SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION

INITI		

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 4/19/2012		TEST DATE: 4/21/2012		HOURS TESTE	D: 24	TEST PRODUCTION RATES: →	OIL – BBL: 17	GAS - MCF: 1,465	WATER - BBL: 450	PROD. METHOD: Flowing
CHOKE SIZE: 24/64	TBG. PRESS. 1,477	CSG. PRESS. 2,356	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 17	GAS - MCF: 1,465	WATER - BBL: 450	INTERVAL STATUS:
	· · · · · · · · · · · · · · · · · · ·			INT	ERVAL B (As show	wn in item #26)	 	<u> </u>		
DATE FIRST PRODUCED: TEST DATE: HOURS TESTED:		D:	TEST PRODUCTION RATES: →	OIL BBL:	GAS - MCF:	WATER – BBL:	PROD. METHOD:			
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL BBL:	GAS - MCF:	WATER – BBL:	INTERVAL STATUS:
				INT	ERVAL C (As show	wn in item #26)				•
DATE FIRST PR	ODUCED:	TEST DATE:		HOURS TESTE	D:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS - MCF:	WATER BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:
			•	INT	ERVAL D (As show	wn in item #26)		•		
DATE FIRST PR	ODUCED:	TEST DATE:		HOURS TESTE	D:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

34. FORMATION (Log) MARKERS:

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River Mahogany Wasatch Mesa Verde Sego	2,880 3,620 6,211 8,391 10,960

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I he	reby certify that the	foregoing and attached	l information is comple	ete and correct as deter	rmined from all available	records.
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NAME (PLEASE PRINT) Morgan Anderson

TITLE Regulatory Affairs Analyst

ATE 5/22/2012

This report must be submitted within 30 days of

- completing or plugging a new well
- · drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to:

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

T7S, R23E, S.L.B.&M. Well location, RW #34-22B (RE-ENTRY), located as shown in the SW 1/4 SE 1/4 of Section 22, N89°53'02"E - 2643.46' (Meas.) N89°53'38"E - 2643.58' (Meas.) T7S. R23E. S.L.B.&M., Uintah County, Utah. 1936 Brass Cap. 1936 Brass Cap 1936 Brass Cap, 0.5' High, Scattered 0.8' High 1.0' High, Scattered BASIS OF ELEVATION Stones Stones BENCH MARK (20EAM) LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M., TAKEN FORM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET. BASIS OF BEARINGS BASIS OF BEARINGS IS A C.P.S. OBSERVATION. 1936 Brass Cap. 1.0' High SCALE RW #34-22B (RE-ENTRY) CERTIFICATE FIELD NOTES OF ACTUAL SURVEYS MAY BY ME OR UNDER SUPERVISION AND THAT THE SAME AT THE MAND CORRECT BEST OF MY KNOWLEDGE AND BELLED Elev. Ungraded Ground = 5592' 2235' Bottom Hole G 1982 S89°53'00"W - 2643.33' (Meas.) S89°55'16"W - 2641.82' (Meas.) 3/4" Steel Rod, REVISED: 05-11-12 R.L.L. 1936 Brass Cap, 1936 Brass Cap, 1.3' High, 2.5" Pipe 0.5' High, Scattered 1.0' High, Steel Post UINTAH ENGINEERING LAND SURVEYING Stones LINE TABLE 85 SOUTH 200 EAST - VERNAL UTAH 84078 LINE DIRECTION LENGTH (435) 789-1017 N68'43'39"W 273.21 LEGEND: SCALE DATE SURVEYED: DATE DRAWN: 1'' = 1000'11-4-10 11-29-10 NAD 83 (TARGET BOTTOM HOLE) NAD 83 (SURFACE LOCATION) = 90" SYMBOL REFERENCES PARTY LATITUDE = 40"11".22.54" (40.189594) LONGITUDE = 109"18".39.09" (109.310858) LATITUDE = 40"1"23.52" (40.189867) LONGITUDE = 109"18"42.37" (109.311769) A.F. J.I. G.L.O. PLAT = PROPOSED WELL HEAD. NAD 27 (SURFACE LOCATION) LATITUDE = 40"1":22.68" (40.189633) NAD 27 (TARGET BOTTOM HOLE) WEATHER LATITUDE = 4011'23.65" (40.189903) LONGITUDE = 109'18'39.91" (109.311086) = SECTION CORNERS LOCATED COOL **QEP ENERGY COMPANY** LONGITUDE = 109"18"36.64" (109.310178)

QEP ENERGY COMPANY

								4	

	Co:	Native Navigation				Units:	Feet, °, °/100ft		VS Az: 291.36	A	Method: Minimum Curvature
	Drillers:	Scriver/Seacat				Elevation:	5606.40		Map System: 2 SP NAD 8	33	
1	Well Name:					Northing:	7245268.86	l	Latitude: 40.189595		
1	Location:	Unitah County, Vern	al UT			Easting:	2251922.33		Longitude: -109.31085	59	
						QEP	Energy: RW	34-22	B SVYS		
No.	MD	CL	Inc.	Azi.	TVD	VS		+E/W-	BR	WR	DLS Commen
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			Surface
2	25.00	25.00	0.14	209.76	25.00	0.00	-0.03	-0.02	0.56	839.04	0.56 Gyro
3	100.00	75.00	0.06	317.55	100.00	0.05	-0.08	-0.09	-0.11	143.72	0.22 Gyro
4	200.00	100.00	0.54	8.36	200.00	0.21	0.43	-0.05	0.48	50.81	0.50 Gyro
5	300.00	100.00	0.43	32.22	299.99	0.24	1.21	0.21	-0.11	23.86	0.23 Gyro
6	400.00	100.00	0.45	10.25	399.99	0.25	1.92	0.48	0.02	-21.97	0.17 Gyro
7	500.00	100.00	0.53	39.94	499.99	0.17	2.66	0.85	0.08	29.69	0.26 Gyго
8	600.00	100.00	0.34	82.22	599.99	-0.23	3.05	1.44	-0.19	42.28	0.36 Gyro
9	700.00	100.00	0.48	8.21	699.98	-0.40	3.51	1.80	0.14	-74.01	0.51 Gyro
10	800.00	100.00	0.48	39.87	799.98	-0.43	4.24	2.12	0.00	31.66	0.26 Gyro
11	900.00	100.00	0.53	345.69	899.98	-0.30	5.01	2.28	0.05	-54.18	0.46 Gyro
12	1000.00	100.00	0.69	6.11	999.97	0.13	6.06	2.23	0.16	20.42	0.27 Gyro
13	1100.00	100.00	0.72	354.02	1099.96	0.58	7.28	2.23	0.03	-12.09	0.15 Gyro
14	1200.00	100.00	0.66	344.04	1199.96	1.22	8.46	2.00	-0.06	-9.98	0.13 Gyro
15	1300.00	100.00	0.47	357.59	1299.95	1.73	9.43	1.83	-0.19	13.55	0.23 Gyro
16	1400.00	100.00	0.11	345.79	1399.95	1.95	9.93	1.79	-0.36	-11.80	0.36 Gyro
17	1500.00	100.00	0.03	309.37	1499.95	2.03	10.04	1.74	-0.08	-36.42	0.09 Gyro
18	1600.00	100.00	0.08	50.46	1599.95	2.02	10.10	1.78	0.05	101.09	0.09 Gyro
19	1700.00	100.00	0.21	107.75	1699.95	1.81	10.09	2.01	0.13	57.29	0.18 Gyro
20	1800.00	100.00	0.31	137.77	1799.95	1.38	9.83	2.36	0.10	30.02	0.17 Gyro
21	1900.00	100.00	0.32	127.67	1899.95	0.87	9.46	2.76	0.01	-10.10	0.06 Gyro
22	2000.00	100.00	0.41	124.48	1999.95	0.25	9.09	3.28	0.09	-3.19	0.09 Gyro
23	2100.00	100.00	0.42	111.54	2099.94	-0.46	8.75	3.92	0.01	-12.94	0.09 Gyro
24	2200.00	100.00	0.51	117.58	2199.94	-1.27	8.41	4.65	0.09	6.04	0.10 Gyro
25	2300.00	100.00	0.27	95.62	2299.94	-1.94	8.18	5.28	-0.24	-21.96	0.28 Gyro
26	2400.00	100.00	0.52	143.94	2399.94	-2.55	7.79	5.78	0.25	48.32	0.40 Gyro
27	2500.00	100.00	0.86	99.27	2499.93	-3.66	7.30	6.79	0.34	-44.67	0.61 Gyro
28	2600.00	100.00	0.75	123.26	2599.92	-5.04	6.82	8.08	-0.11	23.99	0.35 Gyro
29	2700.00	100.00	1.07	112.16	2699.91	-6.61	6.11	9.49	0.32	-11.10	0.36 Gyro
30	2800.00	100.00	1.03		2799.89	-8.42	5.62	11.24	-0.04	-13.05	0.24 Gyro
31	2900.00	100.00	0.95	95.34	2899.87	-10.10	5.40	12.96	-0.08	-3.77	0.10 Gyro
32	3000.00	100.00	0.81	133.65	2999.86	-11.55	4.83	14.29	-0.14	38.31	0.59 Gyro
33	3100.00	100.00	0.67	148.14	3099.86	-12.67	3.85	15.11	-0.14	14.49	0.23 Gyro
34	3200.00	100.00	1.09	194.50	3199.84	-13.26	2.43	15.18	0.42	46.36	0.79 Gyro
35	3300.00	100.00	1.59	194.37	3299.82	-13.54	0.17	14.60	0.50	-0.13	0.50 Gyro

36	3400.00	100.00	0.76 169.17	3399.80	-14.06	-1.83	14.38	-0.83	-25.20	0.96 Gyro
37	3500.00	100.00	0.73 132.28	3499.79	-15.01	-2.91	14.98	-0.03	-36.89	0.47 Gyro
38	3600.00	100.00	0.75 121.70	3599.78	-16.25	-3.68	16.01	0.02	-10.58	0.14 Gyro
3 9	3700.00	100.00	1.02 101.42	3699.77	-17.77	-4.20	17.43	0.27	-20.28	0.41 Gyro
40	3800.00	100.00	1.14 102.07	3799.75	-19.63	-4.59	19.28	0.12	0.65	0.12 Gyro
41	3900.00	100.00	1.15 105.28	3899.73	-21.61	-5.06	21.22	0.01	3.21	0.06 Gyro
42	4000.00	100.00	1.15 113.15	3999.71	-23.61	-5.72	23.11	0.00	7.87	0.16 Gyro
43	4100.00	100.00	1.34 101.65	4099.69	-25.76	-6.35	25.18	0.19	-11.50	0.31 Gyro
44	4200.00	100.00	1.28 106.55	4199.66	-28.03	-6.90	27.40	-0.06	4.90	0.13 Gyro
45	4300.00	100.00	1.48 117.07	4299.63	-30.43	-7.81	29.62	0.20	10.52	0.32 Gyro
46	4400.00	100.00	1.35 125.38	4399.60	-32.85	-9.08	31.73	-0.13	8.31	0.24 Gyro
47	4500.00	100.00	1.03 131.56	4499.58	-34.84	-10.36	33.36	-0.32	6.18	0.34 Gyro
48	4600.00	100.00	1.09 131.22	4599.56	-36.58	-11.58	34.75	0.06	-0.34	0.06 Gyro
49	4700.00	100.00	1.21 126.83	4699.54	-38.49	-12.84	36.31	0.12	-4.39	0.15 Gyro
50	4800.00	100.00	1.11 122.05	4799.52	-40.46	-13.99	37.97	-0.10	-4.78	0.14 Gyro
51	4900.00	100.00	1.26 139.77	4899.50	-42.38	-15.34	39.51	0.15	17.72	0.39 Gyro
52	5000.00	100.00	1.18 125.04	4999.48	-44.35	-16.77	41.06	-0.08	-14.73	0.32 Gyro
53	5100.00	100.00	0.91 138.89	5099.46	-46.05	-17.96	42.42	-0.27	13.85	0.37 Gyro
54	5200.00	100.00	0.80 142.41	5199.45	-47.35	-19.11	43.37	-0.11	3.52	0.12 Gyro
55	5300.00	100.00	0.97 132.59	5299.44	-48.74	-20.24	44.42	0.17	-9.82	0.23 Gyro
56	5400.00	100.00	0.69 131.25	5399.43	-50.10	-21.21	45.50	-0.28	-1.34	0.28 Gyro
57	5500.00	100.00	0.58 128.35	5499.42	-51.15	-21.92	46.35	-0.11	-2.90	0.11 Gyro
58	5591.00	91.00	0.33 111.66	5590.42	-51.85	-22.30	46.95	-0.27	-18.34	0.31 Tie In
59	5741.00	150.00	1.00 228.60	5740.41	<i>-</i> 51.68	-23.33	46.37	0.45	77.96	0.79 Mud Pulse
60	5805.00	64.00	2.20 275.20	5804.39	-50.25	-23.58	44.73	1.87	72.81	2.62 Mud Pulse
61	5869.00	64.00	3.20 274.30	5868.32	-47.36	-23.34	41.72	1.56	-1.41	1.56 Mud Pulse
62	5933.00	64.00	3.50 272.70	5932.21	-43.80	-23.11	37.99	0.47	-2.50	0.49 Mud Pulse
63	5997.00	64.00	4.60 282.80	5996.05	-39.41	-22.45	33.54	1.72	15.78	2.04 Mud Pulse
64	6060.00	63.00	6.60 292.90	6058.74	-33.29	-20.48	27.74	3.17	16.03	3.53 Mud Pulse
65	6125.00	65.00	8.50 295.30	6123.18	-24.77	-16.98	19.95	2.92	3.69	2.96 Mud Pulse
66	6188.00	63.00	9.00 295.70	6185.44	-15.21	-12.85	11.30	0.79	0.63	0.80 Mud Pulse
67	6252.00	64.00	9.20 294.20	6248.64	-5.11	-8.58	2.13	0.31	-2.34	0.48 Mud Pulse
68	6317.00	65.00	9.50 294.30	6312.77	5.44	-4.25	-7.50	0.46	0.15	0.46 Mud Pulse
69	6381.00	64.00	11.10 300.00	6375.74	16.81	1.01	-17.65	2.50	8.91	2.96 Mud Pulse
70	6446.00	65.00	11.00 300.60	6439.54	29.11	7.29	-28.41	-0.15	0.92	0.23 Mud Pulse
71	6509.00	63.00	10.80 299.20	6501.40	40.89	13.23	-38.73	-0.32	-2.22	0.53 Mud Pulse
72	6574.00	65.00	10.20 297.30	6565.31	52.65	18.84	-49.16	-0.92	-2.92	1.07 Mud Pulse
73	6638.00	64.00	10.00 299.20	6628.32	63.79	24.15	-59.05	-0.31	2.97	0.61 Mud Pulse
74	6701.00	63.00	10.40 304.10	6690.33	74.76	30.01	-68.53	0.63	7.78	1.52 Mud Pulse
75	6765.00	64.00	10.40 306.20	6753.28	85.98	36.66	-77.98	0.00	3.28	0.59 Mud Pulse
76	6829.00	64.00	10.20 304.80	6816.24	97.07	43.31	-87.29	-0.31	-2.19	0.50 Mud Pulse
										·

77	6893.00	64.00	9.80 306.20	6879.27	107.85	49.76 -9	6.34 -0	.63	2.19	0.73 Mud Pulse	
78	6957.00	64.00	9.30 305.50	6942.38	118.13	55.98 -10)4.95 -C	.78	-1.09	0.80 Mud Pulse	
79	7019.00	62.00	8.90 304.10	7003.60	127.66	61.58 -11	.3.00 -0	.65	-2.26	0.74 Mud Pulse	
80	7081.00	62.00	8.40 301.80	7064.90	136.80	66.65 -12	.0.82 -0	.81	-3.71	0.98 Mud Pulse	
81	7145.00	64.00	7.80 302.70	7128.26	145.65	71.46 -12	28.45 -C	.94	1.41	0.96 Mud Pulse	
82	7209.00	64.00	8.50 302.60	7191.61	154.55	76.36 -13	6.09 1	09	-0.16	1.09 Mud Pulse	
83	7272.00	63.00	7.80 304.90	7253.98	163.27	81.31 -14	3.51 -1	11	3.65	1.23 Mud Pulse	
84	7335.00	63.00	6.90 305.00	7316.46	171.11	85.93 -15	50.12 -1	43	0.16	1.43 Mud Pulse	
85	7399.00	64.00	6.70 302.00	7380.01	178.51	90.11 -15	i6.44 -0	.31	-4.69	0.64 Mud Pulse	
86	7463.00	64.00	6.90 299.50	7443.56	185.99	93.98 -16	52.95	.31	-3.91	0.56 Mud Pulse	_
87	7527.00	64.00	7.30 301.90	7507.07	193.79	98.02 -16	9.75	.62	3.75	0.78 Mud Pulse	
88	7591.00	64.00	7.10 299.70	7570.56	201.70	102.13 -17	⁷ 6.63 -0	.31	-3.44	0.53 Mud Pulse	
89	7655.00	64.00	7.30 294.50	7634.06	209.67	105.78 -18	33.77	.31	-8.13	1.06 Mud Pulse	
90	7718.00	63.00	7.50 290.80	7696.53	217.78	108.90 -19	91.26	.32	-5.87	0.82 Mud Pulse	
91	7781.00	63.00	7.60 291.50	7758.99	226.06	111.89 -19	8.98	.16	1.11	0.22 Mud Pulse	
92	7844.00	63.00	6.60 296.80	7821.51	233.83	115.04 -20	06.08 -1	59	8.41	1.90 Mud Pulse	
93	7907.00	63.00	5.80 296.90	7884.14	240.60	118.12 -21	2.15 -1	27	0.16	1.27 Mud Pulse	
94	7970.00	63.00	3.60 298.30	7946.92	245.74	120.50 -21	L6.73 -3	.49	2.22	3.50 Mud Pulse	
95	8030.00	60.00	4.30 286.90	8006.78	249.85	122.04 -22	20.55 1	.17	-19.00	1.75 Mud Pulse	
96	8098.00	68.00	6.90 287.70	8074.45	256.47	124.03 -22	26.88	.82	1.18	3.83 Mud Pulse	
97	8163.00	65.00	6.80 289.00	8138.98	264.21	126.47 -23	34.24 -0	.15	2.00	0.28 Mud Pulse	
98	8226.00	63.00	6.10 295.70	8201.59	271.27	129.13 -24	10.78 -1	11	10.63	1.63 Mud Pulse	
99	8291.00	65.00	6.20 309.90	8266.22	278.04	132.88 -24	16.58 (.15	21.85	2.34 Mud Pulse	
100	8354.00	63.00	7.60 310.50	8328.76	285.21	137.77 -25	52.36 2	22	0.95	2.22 Mud Pulse	
101	8417.00	63.00	8.20 312.60	8391.16	293.33	143.52 -25).95	3.33	1.06 Mud Pulse	
102	8481.00	64.00	9.10 311.90	8454.43	302.32	149.99 -26	55.96	41	-1.09	1.42 Mud Pulse	
103	8544.00	63.00	9.20 313.40	8516.63	311.66	156.77 <i>-</i> 27	73.33).16	2.38	0.41 Mud Pulse	
104	8608.00	64.00	8.40 313.60	8579.88	320.73	163.51 -28	30.43 -1	25	0.31	1.25 Mud Pulse	
105	8671.00	63.00	7.30 312.70	8642.28	328.71	169.40 -28	3 6.71 -1	75	-1.43	1.76 Mud Pulse	
106	8734.00	63.00	7.30 313.00	8704.77	336.16	174.84 -29	92.58 (0.00	0.48	0.06 Mud Pulse	
107	8799.00	65.00	6.80 312.80	8769.28	343.58	180.28 -29	98.42 -0).77	-0.31	0.77 Mud Pulse	
108	8862.00	63.00	7.10 304.60	8831.82	350.85	185.02 -30	04.36).48	-13.02	1.64 Mud Pulse	
109	8925.00	63.00	6.30 302.00	8894.39	358.03	189.06 -31	LO.50 -1	27	-4.13	1.36 Mud Pulse	
110	8989.00	64.00	6.40 302.40	8958.00	364.98	192.84 -31	L6.49 (0.16	0.62	0.17 Mud Pulse	
111	9052.00	63.00	6.20 305.50	9020.62	371.73	196.69 -32	22.22 -0).32	4.92	0.63 Mud Pulse	
112	9116.00	64.00	5.60 310.20	9084.28	378.04	200.72 -32	27.42 -().94	7.34	1.20 Mud Pulse	
113	9180.00	64.00	4.50 308.90	9148.03	383.39	204.31 -33	31.76 -3	L. 72	-2.03	1.73 Mud Pulse	
114	9243.00	63.00	3.60 310.30	9210.87	387.61	207.14 -33		.43	2.22	1.44 Mud Pulse	
115	9307.00	64.00	3.40 312.00	9274.75	391.29	209.71 -33).31	2.66	0.35 Mud Pulse	
116	9370.00	63.00	2.80 309.10	9337.66	394.50	211.93 -34	10.72 -0).95	-4.60	0.98 Mud Pulse	_

213.69 -342.83

-0.95

2.70

0.96 Mud Pulse

117

9433.00

63.00 2.20 310.80 9400.60

397.11

118	9496.00	63.00	1.60 321.50	9463.56	399.01	215.17 -34	44.29 -0.95	16.98	1.10 Mud Pulse
119	9560.00	64.00	1.50 328.90	9527.54	400.45	216.59 -34	45.28 -0.16	11.56	0.35 Mud Pulse
120	9623.00	63.00	0.80 337.90	9590.53	401.40	217.70 -34	45.87 -1.11	14.29	1.14 Mud Pulse
121	9686.00	63.00	0.60 348.30	9653.52	401.89	218.43 -34	46.10 -0.32	16.51	0.38 Mud Pulse
122	9750.00	64.00	0.60 358.40	9717.52	402.20	219.09 -34	46.18 0.00	15.78	0.17 Mud Pulse
123	9814.00	64.00	0.50 2.10	9781.52	402.42	219.71 -34	46.18 -0.16	5.78	0.17 Mud Pulse
124	9879.00	65.00	0.40 58.30	9846.51	402.38	220.11 -34	45.98 -0.15	86.46	0.67 Mud Pulse
125	9942.00	63.00	0.50 101.60	9909.51	401.98	220.17 -34	45.52 0.16	68.73	0.55 Mud Pulse
126	10005.00	63.00	0.90 145.20	9972.51	401.30	219.71 -34	44.97 0.63	69.21	1.01 Mud Pulse
127	10069.00	64.00	1.20 140.40	10036.50	400.29	218.78 -34	44.25 0.47	-7.50	0.49 Mud Pulse
128	10132.00	63.00	1.50 138.40	10099.48	398.98	217.65 -34	43.29 0.48	-3.17	0.48 Mud Pulse
129	10196.00	64.00	1.70 144.10	10163.46	397.44	216.26 -34	42.17 0.31	8.91	0.40 Mud Pulse
130	10259.00	63.00	1.80 144.60	10226.43	395.82	214.69 -34	41.05 0.16	0.79	0.16 Mud Pulse
131	10323.00	64.00	2.10 127.60	10290.39	393.86	213.16 -33	39.54 0.47	-26.56	1.01 Mud Pulse
132	10386.00	63.00	2.20 116.20	10353.35	391.54	211.92 -33	37.54 0.16	-18.10	0.70 Mud Pulse
133	10449.00	63.00	2.20 120.20	10416.30	389.14	210.78 -33	35.41 0.00	6.35	0.24 Mud Pulse
134	10513.00	64.00	2.30 120.60	10480.25	386.66	209.51 -33	33.24 0.16	0.62	0.16 Mud Pulse
135	10577.00	64.00	2.50 117.50	10544.19	384.01	208.21 -33	30.90 0.31	-4.84	0.37 Mud Pulse
136	10639.00	62.00	2.70 112.20	10606.13	381.20	207.03 -32	28.35 0.32	-8.55	0.50 Mud Pulse
137	10702.00	63.00	2.60 111.30	10669.06	378.29	205.95 -32	25.64 -0.16	-1.43	0.17 Mud Pulse
138	10765.00	63.00	2.70 104.10	10731.99	375.39	205.07 -32	22.87 0.16	-11.43	0.55 Mud Pulse
139	10829.00	64.00	2.50 100.80	10795.93	372.52	204.44 -32	20.04 -0.31	-5.16	0.39 Mud Pulse
140	10892.00	63.00	2.60 103.70	10858.87	369.75	203.85 -31	17.30 0.16	4.60	0.26 Mud Pulse
141	10956.00	64.00	2.60 96.60	10922.80	366.91	203.34 -31	14.45 0.00	-11.09	0.50 Mud Pulse
142	11016.00	60.00	2.80 99.30	10982.73	364.16	202.94 -31	11.65 0.33	4.50	0.39 Mud Pulse
143	11070.00	54.00	2.80 99.30	11036.67	361.58	202.52 -30	0.00 0.00	0.00	0.00 Proj. to Bit

To Helen CONFIDENTIAL
5/24/2012

ABANDONED [

STAGE CEMENTER

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING WELL COMPLETION OR RECOMPLETION REPORT AND LOG GAS VELL WELL

RE-ENTRY

16. DATE COMPLETED:

4/19/2012

TOP (MD)

0

SIZE

TOP (TVD)

19. PLUG BACK T.D.: MD

DIFF. RESVR.

STATE CO ZIP 80265

BOTTOM (MD)

11,069

DEPTH SET (MD)

BOTTOM (TVD)

DEEP- 🗸

15. DATE T.D. REACHED:

WEIGHT (#/ft.)

11.6

PACKER SET (MD)

BOTTOM (MD)

10,830

3/30/2012

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

10	'	7	•			N	-		<u>LN</u>	200				
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POR	T	AND	LOG		6. IF	INDIA	N, A	LLO	TTEE OR	TR	IBE N	IAME		
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						1304			58					
 55			NUMBER: 3) 308-3060			ELD A			L, OR W	LDC	CAT			
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ANDONE	ΞD		READY TO PRODUC	CE	V				NS (DF,	RKI	3, RT	, GL):		
20. 1F N	AUL	TIPLE CO	MPLETIONS, HOW	MΑ	.NY?*	21. C		TH BF	RIDGE ET:	M)			
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STAGE C			CEMENT TYPE &	T,	SLU			CE	MENT TO	OP *	*	AMOUNT	PU	LLED
DE	PT	Н	NO. OF SACKS	┾	VOLUM		-/		4.400		-	···		
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ET (MD))	PACKE	R SET (MD)	5	SIZE		ᅡ	EPI	H SET (M	(טיי	+	PACKER	⊃ ⊏1	(IVID)
	2-	DEBEO	RATION RECORD											
(TVD)	L27		L (Top/Bot - MD)	<u> </u>	SIZE	NO.	HOL	ES	PE	RF	ORAT	TION STA	TUS	3
(1 40)	1	0,123		H	.35		96		Open	7		queezed	Ī	
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ANA	יוח	INT AND T	YPE OF MATERIAL					4	REC	- /	VE	. D		
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ter, 1	,U	UU SKS	30/50 sand											
							4).	5.41	OIL, GA	18	V. A.s.	*****	••••	
~												<i>N⊮∖⊝</i> status:		
									130	**				

ID, FRACTURE, TREATMENT, CEME	NT SQUEEZE, ETC.	•		ite	CEIVE				
DEPTH INTERVAL		AMOUN	IT AND TYPE OF MATER	IAL	W lens Left				
23' - 10,830'	38 Bbl 15% HCl, 8,563	3 Bbl slick water, 1,00	00 sks 30/50 sar	nd MAY	2 3 2012				
				DIV. OF UIL,	GAS & MINING				
CLOSED ATTACHMENTS: ELECTRICAL/MECHANICAL LC SUNDRY NOTICE FOR PLUGG	IGS ING AND CEMENT VERIFICATION	GEOLOGIC REPORT CORE ANALYSIS	DST REPORT	DIRECTIONAL SURVEY	Producing				
)		(CONTINUED ON BA	CK)						

1a. TYPE OF WELL:

b. TYPE OF WORK:

14. DATE SPUDDED:

3/23/2012

HOLE SIZE

25. TUBING RECORD

SIZE

26. PRODUCING INTERVALS

(A) Mesa Verde

10.123' - 10,830'

29. ENCLOSED ATTACHMENTS:

(B) (C) (D) FORMATION NAME

6.125"

3. ADDRESS OF OPERATOR:

QEP Energy Company

4. LOCATION OF WELL (FOOTAGES)

18. TOTAL DEPTH: MD 11,070

Quad Combo , CBL

1050 17th Street, Ste. 50(city Denver

AT TOP PRODUCING INTERVAL REPORTED BELOW: AT TOTAL DEPTH: 757' FSL, 2235' FEL

TVD 10.982

24. CASING AND LINER RECORD (Report all strings set in well)

P116

DEPTH SET (MD)

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

TOP (MD)

10,123

SIZE/GRADE

4.5

AT SURFACE: 657' FSL, 1982' FEL

WEYL 2. NAME OF OPERATOR: 31. INITIAL PRODUCTION INTERVAL A (As shown in item #26) WATER - BBL: PROD. METHOD: HOURS TESTED OIL - BBL GAS - MCF DATE FIRST PRODUCED: TEST DATE TEST PRODUCTION RATES: 1,465 450 Flowing 4/21/2012 17 4/19/2012 24 INTERVAL STATUS: OIL - BBL: GAS - MCF WATER - BBL: CHOKE SIZE: TBG. PRESS CSG. PRESS API GRAVITY BTU - GAS GAS/OIL RATIO 24 HR PRODUCTION 2,356 RATES: 450 24/64 1,477 17 1,465 INTERVAL B (As shown in item #26) PROD. METHOD: DATE FIRST PRODUCED: OIL - BBL: GAS - MCF WATER - BBL: TEST DATE: HOURS TESTED: TEST PRODUCTION RATES: WATER - BBL: INTERVAL STATUS: 24 HR PRODUCTION GAS - MCF API GRAVITY GAS/OIL RATIO OIL - BBL CHOKE SIZE: TBG. PRESS CSG. PRESS BTU - GAS RATES: INTERVAL C (As shown in item #26) WATER - BBL: PROD. METHOD: DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION OIL - BBL: GAS - MCF RATES: INTERVAL STATUS: WATER - BBL: CHOKE SIZE: TBG. PRESS. CSG. PRESS API GRAVITY BTU - GAS GAS/OIL RATIO 24 HR PRODUCTION OIL - BBL: GAS - MCF RATES: INTERVAL D (As shown in item #26) WATER - BBL: PROD. METHOD: GAS - MCF: DATE FIRST PRODUCED: TEST DATE HOURS TESTED: TEST PRODUCTION OIL - BBL RATES: CHOKE SIZE API GRAVITY 24 HR PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL STATUS: TBG. PRESS. CSG. PRESS BTU - GAS GAS/OIL RATIO RATES: 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.) Sold 34. FORMATION (Log) MARKERS: 33. SUMMARY OF POROUS ZONES (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River Mahogany Wasatch Mesa Verde Sego	2,880 3,620 6,211 8,391 10,960

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.							
NAME (PLEASE PRINT) Morgan Anderson	TITLE Regulatory Affairs Analyst						
SIGNATURE UN 10 MAQUE AND 10 MA	DATE 5/22/2012						

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests
- * ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to:

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

			3
	STATE OF UTAH		FORM 9
[DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: U-081
SUNDR	Y NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significantly reenter plugged wells, or to drill horizon for such proposals.		7.UNIT or CA AGREEMENT NAME: RED WASH
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: RW 34-22B
2. NAME OF OPERATOR: QEP ENERGY COMPANY			9. API NUMBER: 43047151580000
3. ADDRESS OF OPERATOR: 11002 East 17500 South ,	Vernal, Ut, 84078 303	PHONE NUMBER: 3 308-3068 Ext	9. FIELD and POOL or WILDCAT: RED WASH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0657 FSL 1982 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SWSE Section: 2	HP, RANGE, MERIDIAN: 2 Township: 07.0S Range: 23.0E Meric	dian: S	STATE: UTAH
11. CHECH	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
12/22/2014	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT	_		
Date of Spud:	▼ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	L TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
QEP ENERGY COMP	COMPLETED OPERATIONS. Clearly show ANY REQUESTS APPROVAL T PERFORATIONS TO THE MES SEE ATTACHED PROCEDUR	O RECOMPLETE THE RW SA VERDE FORMATION.	Accepted by the Utah Division of Oil, Gas and Mining
			By: December 22, 2014
NAME (PLEASE PRINT) Benna Muth	PHONE NUMB 435 781-4320	BER TITLE Regulatory Assistant	
SIGNATURE N/A		DATE 12/22/2014	

QEP Energy requests approval to recomplete the RW 34-22B by adding perforations to the Mesa Verde formation as follows:

- 1. Set a CFP at 10070'.
- 2. Stage 1:
 - a. 10049'-10052', 3spf, frac with slick water.
 - b. 10022'-10024', 3spf, frac with slick water.
 - c. 9916'-9918', 3spf, frac with slick water.
 - d. 9859'-9862', 3spf, frac with slick water.
 - e. 9834'-9836', 3spf, frac with slick water.
 - f. 9798'-9800', 3spf, frac with slick water.
 - g. 9761'-9763', 3spf, frac with slick water.
- 3. Set a CFP at 9650'.
- 4. Stage 2:
 - a. 9546'-9548', 3spf, frac with slick water.
 - b. 9462'-9465', 3spf, frac with slick water.
 - c. 9425'-9429', 3spf, frac with slick water.
 - d. 9369'-9373', 3spf, frac with slick water.
 - e. 9291'-9294', 3spf, frac with slick water.
- 5. Drill up top plug and return well to production.
- 6. Return to drill up bottom plug after the frac fluid is recovered.

	STATE OF UTAH		FORM 9
1	DEPARTMENT OF NATURAL RESOURC DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: U-081
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly or reenter plugged wells, or to drill horizon n for such proposals.		7.UNIT or CA AGREEMENT NAME: RED WASH
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: RW 34-22B
2. NAME OF OPERATOR: QEP ENERGY COMPANY			9. API NUMBER: 43047151580000
3. ADDRESS OF OPERATOR: 11002 East 17500 South,	Vernal, Ut, 84078 303	PHONE NUMBER: 595-5919 Ext	9. FIELD and POOL or WILDCAT: RED WASH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0657 FSL 1982 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SWSE Section: 2	HIP, RANGE, MERIDIAN: 22 Township: 07.0S Range: 23.0E Merid	ian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
2/28/2015	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	✓ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
nopon suio.		OTHER	OTHER:
	WILDCAT WELL DETERMINATION		
QEP Energy Co formation. A summa 1 – 9289'-9463' (46 9858'-10052' (34 sh 10736'-10830' (52 394,400 lbs. of	completed operations. Clearly show a simpany re-perforated the RW ary of the additional perforations), Stage 2 – 9544'-983 nots), Stage 4 – 10123'-1042 shots). The frac used 21,10 f proppant bulk sand. The way 2/28/2015. Please see the a summary and daily report	34-22B Mesaverde ons is as follows: Stage 85' (28 shots), Stage 3 – 22' (52 shots), Stage 5 – 00 bbls slickwater and ell was returned to ttached perforation	Accepted by the Utah Division of Oil, Gas and Mining
NAME (PLEASE PRINT) Laura Abrams	PHONE NUMB 303 260-6745	ER TITLE Sr. Regualtory Affairs Analy	/st
SIGNATURE	23 32	DATE	
l N/A		3/23/2015	



Daily Summary

Well Name: RWU 34-22B (31)

PI 13-047-15	-450	Surface Lega S22-T7S				d Name	County		State UTAH	Well Configuration Type S-Well				
nique Well I	7.7	Ground Ele		Casina Flan	ge Elevation (ft)	D WASH Current KB to G	and in the contract of the con	I Co	100 CT	Dry Hole TD Date				
JT10192		Ground Ble	5,590	Casing Flan	5,590.0		14.00	14.00	ud Date 12/10/1953 00:00	4/6/2012 18:00				
RPT#	Star	t Date		nd Date		**	TT 5.00	Summar	ry					
1	2/9/2015		2/10/201	5	CONTRACT	CONTRACT WORK								
-	2/17/2015		2/18/201	5	CONTRACT	CONTRACT WORK								
3	3 2/18/2015 2/19/2015			5	2/18/15: Road rig & equipment 62 miles to location. Spot in & rig up. Spot in and rig up pump. X-O to 2 3/8" tbg equipment. Bleed well off. ND well head. NU 5k bop's. RU floor. Pooh LD tbg hanger and stand back 200 joints of 2 3/8" P-110 tbg. EOT @4349'. Shut tbg in. Turn casing up sales line for night. SDFN									
4	2/19/2015 2/20/2015			5	15k CFP and	2/19/15: Bleed well off. Pooh with 137 joint's. MIRU wire line. RIH with gage ring 3.70 to 10,080'. RIH with 15k CFP and set @10,070' per design. RD wire line. RIH with 337 joint's of 2 3/8" L-80 tbg. Pooh LD 337 joint's of 2 3/8" L-80 tbg. SWIFN.								
	5 2/23/2015 2/24/2015				equip. K&E	2/23/15: SICP=325. Bleed well off. RD floor and ND bop's. NU 10k fractree. Rig down and rack outrig equip. K & E hot oilier filled casing with 120 bbl's. Pressure test to 8500 #psi and lost plug. Shut well in. RD hot oilier.								
6	2/24/2015	5	2/25/201	5	@10,072'. R tree and cas penetration	U hot oilier to ing to 8552#; Correlate to l	casing and fill wit osi. Good test. RIH Depths from Thrut	th 120 bbl's. I with 3 1/8" bit Spectral I	MIRU Cameron test tru 3spf 90 deg phasing w Density Dual Spaced N	lliburton CFP 4 1/2" and se uck and pressure test frac vith shots of .37"hole W/44 Veutron Gamma Ray dated i increase on well. Shutwel				
7	2/27/2015	5	2/28/201	5	Frac stage #	±1	111							
8	3/1/2015				& bop's. ND Tally rabbit a tbg with 2% Continued t	2/28/15: Road rig & equipment 39 miles to location. Spot in and rig up. X-O to 2 3/8" tbg equipment on rig & bop's. ND frac tree. NU 5k drill out stack. RU floor. Make up 3 5/8" mill, pump off bit sub, F-Nipple 1.81 Tally rabbit and pick up 157 joint's of 2 3/8" L-80 tbg. Tag kill plug @5008". RU swivel and rig pump. Fill tbg with 2%kcl water. Drill kill plug out holding 800 #psi on casing in 20 min. Take a 700 #psi kick. Continued to tally rabbit and pick up tbg. EOT @5842". Turn well over to flow back crew for night. Shut tb in and close hydrill, pipe rams and lock. SDFN								
9	3/1/2015		3/2/2015	(1)	tbg tag frac p out plug rem up tbg hang 100 bph. Rig	olug #1 @957 ain's and sar er. Land tbg i	0'. RU swivel and p nd 178'. Tag frac pl n well head. EOT @ ut equipment. RU f	pump. Drill lug #2 @10, <u>2</u> 9768'. ND	plug out in 20 min. RIF 072'. Roll hole for 1/2 h bop's. NU well head. C	. Tally, rabbit and pick up I tag fill top @9894' clean nr. Pooh LD 10 joint's. Make continued to flow well back tion @4:30. Move rig and				
10	3/2/2015		3/3/2015		CONTRACT	WORK								
11	11 3/5/2015 3/6/2015 03/05/2015: Road rig 3.5 miles, MIRU, SITP = 0# psi. FCP = 0# psi. ND well head. NU bop's Pu hanger. POOH w/ tbg LD Pump off bit sub. MU collar to F- Nipple RIH w/ 167 Jt of 2 3/8 L-80 tbg EOT @ 5410'													
12	2 3/6/2015 3/7/2015				03/06/2015: . RIH w/ remaining tbg MU hanger. Land well w/ EOT @ 9765' ND bops NU well head. Well is shut in, RDMO.									
	13 3/7/2015 3/8/2015 CON			CONTRACT	ONTRACT WORK									
14	3/10/2015		3/11/201	5	CONTRACT	WORK								

QEP Energy Company Page 1/1 Report Printed: 3/23/2015

QEI-)		Perfo	rations	5						
MARKET CONT.	: RWU 34-22B (31)										
43-047-15158	Surface Legal Location S22-T7S-R23E		Name O WASH		unty INTAH		State UTAH			Configuration Type Vell	\Box
Unique Well ID	Gr Elev (ft) Current Elevation	KB to (CF (ft) Sp	pud Date		Dry Hole TD	Date	Total Depth (All	(ft, KB)		
UT101925	5,590 5,604.00, <elvothe GINAL HOLE, 3/23/2015 3:42:19 PM</elvothe 	rnote>		12/10/1953	3 00:00	4/6/20	12 18:00	ORIGINAL	HOLE - 1	1,070.0	
	'ertical schematic (actual)	Date		Completion			Top Depth (ft, K	(5)	100000000000000000000000000000000000000	Depth (ft, KB)	
	∅	2/27/2015 Perforation Compa	any	Conveyano		SINAL HOLE	9,289.0 Gun Size (in)		9,292 Carrier	Total Colores	-
(100		Cutters WL Shot Density (shot	is/ff)	32,000,000	Charge T	voe			3 1/8 ing (*)	NO.0279	
HARLES VILLE				3.0		550	10-1	2000	3.00		90
		Orientation					Orientation Me	inoa			
	8,999.0-9,992.0; Completon NESS/NEROS, ORIGINAL HOLE Currentasse:	Over/Under Balan	ced P Over/U	Inder (psl)	FL MD Be	fore (ft, KB)	FL MD After (ft	, KB) P Sur	rf init (psi)	P Final Surf (psi)	
	Shortener 90 Calculand Shor Total 10 Phasing 90 A 957 09 511 Dicologistics introdication	Reference Log	3		0		AC.	\$60		120,	- 9
	ORIGINAL HOLE Current Sacue: ShorDens: 5.0 Calculated ShorTook 15	Calculated Shot To	otali								40
	Phasing 90 9,250-9,277 (; Completon: NESU/ERDE, ORIGINAL HOLE Cumer/Secur.	Perforation	Statuees								10
	ShorDane: SD Calculated ShorTook 15 Phasing 90 9,450.0-9,465.0; Completon: NESD/IERDE,	Date	Jidiuses	Status		1		C	om		- 4
	Current Season	Date		Completion			Top Depth (ft, K	(B)	Bottom	Depth (ft, KB)	_
	ProrDena: 90 Calculated Short Total: 10 Passing 90 95ec 0-95e90; Completon: NESS/VERDE.	2/27/2015	1 10	MESAVER	RDE, ORIG	SINAL HOLE	9,367.0	,	9,371	1.0	
XXXI	ORIGINAL HOLE Currentizate: Shortbane 50	Perforation Compa Cutters WL	any	Conveyano	e Method		Gun Size (in)	3	Carrier 3 1/8	Make	
8888 E	Calculated Shor Total: T Phasing 50 \$750.0-\$750.0; Completion: NESU/GROS, ORIGINAL HOUS	Shot Density (shot	ts/ff)	3.0	Charge T	ype		Phasi	ing (*)		90
9000	Curvent State: Short Dens: 50	Orientation		3.0	4		Orientation Me	thod			90
(2000) (2000)	Figure 19 Phasing So Phasing So Phasing So Phasing So Phasing House 19 Phasing So Phasin	Over/Under Balan	ced P Over/U	Inder (psl)	FL MD Be	fore (ft, KB)	FLMD After (ft	, KB) P Sur	rf Init (psi)	P Final Surf (psi)	3
12000 s 16000 s	Comerciance: Shorthere 30 Calculated Shorthest T Short Short Shorthest T	Reference Los				COOK A PROPERTY					
0000 E	SESSO - 9,805 C. Completon: NESS/ERDS, ORIGINAL HOLE Current Sens:	Reference Log									
	ShorDens: 9.0 Calculated ShorTost: 7 Phasing: 90 9350-9461 & Completon: NG20/GROS.	Calculated Shot To	otal								13
	ORIGINAL MOLE Comerciance: Short-are 30 Calculated Short-roat-10	Perforation	Statuses			0.					
	Phasing:90 9319.0-9319.0; Completon:NESS/SEP.DE	Date	1.	Status		1		Co	om		
0000 0000	ORIGINAL HOLE Commerciatus: Short-bene: 20 Calculated Short-bask T	Date		Completion			Top Depth (ft, K	(B)		Depth (ft, KB)	-
60001	VIDEO TO DO COMPLETON NESS/NERDE,	2/27/2015 Perforation Compa	any	MESAVER Conveyance		SINAL HOLE	9,423.0 Gun Size (lin)		9,427 Carrier		-
9000 L	ShortDens: 5.0 Calculated ShortToal: 7 Calculated ShortToal: 7	Cutters WL Shot Density (shot	(= 181)	00000000	I Charles T	100			3 1/8		
(8)00 B	Phasing 50 Phasing 50 Phosph-0,0300; Completon: NESS/IEPDS, ORIGINAL HOLE Commerciator:	Shot Density (and	ianty	3.0	Charge Ty	ype		100000	ing (*)		90
5800 B	Calculated Shor Total: 10 Phasing: 90	Orientation					Orientation Me	thod			
	T0 100 0-10 100 0 Completon NESS/GRIDE ORIGINAL HOLE Current Sease: Short Denni 10 Calculated Short Total T	Over/Under Balan	ced P Over/U	Inder (psl)	FL MD Be	fore (ft, KB)	FL MD After (ft	(, KB) P Sur	rf init (psi)	P Final Surf (psi)	
0000 0000	70.917 0-10.933.0; Completon: NESO/ERDS, DRISHNUL HOLE	Reference Log	81				-0-	\$00		(B)	- 9
(2008) (2008)	CurrentSeas: Sent Seas: 10 Calculated Seat Total: 19 Phasing: 10 10 546-1-0.372 (Completon: NESS/SEASE	Calculated Shot To	otali								40
(600) III	ORIGINAL HOLE	Perforation	Statuege								13
(88%) = (88%) =	Conventions: 20 Calculated Short Took 15 Phasing: 120 Color 140-10-220; Completon: MESS/MET DE	Date	Jiaiuses	Status				Co	om		- 4
(800 m (800 m	Conversions: Conversions: ShortDens: 9.0 Calculated ShortTook 10	Date		Completion		2	Top Depth (ft, K	(B)	Bottom	Depth (ft, KB)	
60001	Phasing: 120 10739 0-10742 0: Completon: NESS/VER DE	2/27/2015		MESAVER	RDE, ORIG	SINAL HOLE	9,460.0	,	9,463	3.0	
	ORIGINAL HOLE Currentissus: Short-ens 9.0 Calculated Short-call 16	Perforation Compa Cutters WL	any	Conveyano	e Method		Gun Size (in)	. 3	Carrier 3 1/8	Make	
2000 In	ShorDana: 9.0 Salutasad ShorTosi: 19 Phasing: 10-100 (complator: NESS/IEROS, ORIGINAL HOLE	Shot Density (shot	ts/ft)	3.0	Charge T	ype		Phasi	ing (*)		90
(6)00 m (6)00 m	ShorDene: 3.0	Orientation		3.0	T.		Orientation Me	thod			30
9890 m 9898 m	[0](0] +0,779.0-10,792.0; Completon: NESU/GROS.	Over/Under Balan	ced P Over/U	Inder (psi)	FL MD Be	fore (ft, KB)	FL MD After (ft	, KB) P Sur	rf Init (psi)	P Final Surf (psi)	e e
9000	Onliability Hotel Convention of the Control of the	Reference Log			4			150			
(A)(A) =	Chickes House Conversions: ShortCere: 90 Calculated ShortTook 19		atal								
	Calculated Short Total + 9 Phasing + 20	Calculated Shot To	olal								10
QEP Energy Co	mpany		Pa	ige 1/6					Report I	Printed: 3/23/2	015

OFI)		Perf	orations	•				
RESOUR									
Well Name	Surface Legal Location		Fleid Name RED WASH	0.00	unty		State UTAH		Well Configuration Type S-Well
Unique Well ID	S22-T7S-R23E Gr Elev (ft) Current Elevation	×		Spud Date		Dry Hole TD	Date Total I	Depth (All) (ft, K5)	
UT101925	5,590 5,604.00, <elvoth GINAL HOLE, 3/23/2015 3:4232 PM</elvoth 		14.00 tion Statuses	12/10/1953	3 00:00	4/6/20	12 18:00 ORI	GINAL HOLE	- 11,070.0
	ertical schematic (actual)	Date	ion statuses	Status		1		Com	
808	88	Date		Consister			Too Death (8 1/2)	Te-	See Deal Of ME
		2/27/201	5	Completion MESAVER		INAL HOLE	Top Depth (ft, KB) 9,544.0		tom Depth (ft, KB) 546.0
100		Perforation C		Conveyance	e Method		Gun Size (in)	3 1/8	rrier Make
%	1	Shot Density	2.		Charge Ty	ype		Phasing (*)	
	9,099 0-9,092 0; Completon: NESS/VERDS, ORIGINAL HOLE	Orientation		3.0			Orientation Method	9	
	CurrentStatus: ShorDens: 9.0 Calculated ShorTotal: 10.				CORES UNIVERSE	natura (2.12		- Maria 20 con 2	2,000 p. 100 p.
	Phasing 90 Spirit Dig Shyllason Missiliantic Original House Cumer Sause	Over/Under i	balanced P Over/	Under (psl)	FL MD Be	fore (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
	Shortband 9.0 Calculated Short Total: 15 Phasing 90 9.435.0-9.437.0; Completion: NESCHERDE	Reference Lo	og						•
	ORIGINAL HOLE Currentissus:	Calculated S	shot Total						
	ShortDane: 5.0 Calculand ShortTool: 15 Phasing 90 9:460.0-9:460.0: Completion: NESS/ISP.DE	1, -							
	ORIGINAL HOLE Currentiacus Shorbara: 50	Perforat	tion Statuses	Status		T		Com	
988 988	Calculand Shor Torak 10 Fhashing 90 93-4-0-9-54-0; Completon: NESS/VERDE, ORIGINIOL HOLE					3			191
5000 L	Shorbens: 5.0	2/24/201	5	Completion		INAL HOLE	Top Depth (ft, KB) 9.760.0	1.0	ttom Depth (ft, KB) 762.0
2000 2000	Phasing 90 9790.0-9790.0 Completon NESS//EPDE	Perforation C	Company	Conveyance		MAL HOLL	Gun Size (In)	Ca	rrier Make
60600 E	Current State: ShortDena: 9.0	Cutters V Shot Density			Charge Ty	vpe	7.55%	3 1/8 Phasing (*)	
9888 - 9888 -	Phacing 90 Phacing 90	- 63	85 - 85W	3.0					
2000 E	Short Short Tool T	Orientation					Orientation Method		
9800 C 9808 C	Phasing 90 93000-9305 C Completon: NESS/JERDS, ORIGINAL HOLE	Over/Under 8	Balanced P Over/	Under (psl)	FL MD Be	fore (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
	ShorDena 3.0 Calculated ShorTotal: 7	Reference Lo	og				L		
WA	Phasing 90 9339 0-9391 0; Completon NESS/ISP.DE, ORIGINAL HOLE Current Sease:	Calculated S	Shot Total						
	Shor Dena: 9.0 Calculated Shor Total: 10 Shas Inn: 90	00000000	10.10.2						
	7316 0-6 \$16.0; Completon: NESU/GROS, ORISMUL HOLE CurrentSecus:		tion Statuses					0/201000	
888 - 886 -	MonDerne 3.0 Calculated Short Total: T Phasing Sto T0.000 A-0.000 d.; Completion: NESU/SER DE, CASSING HOLE	Date		Status		1		Com	
3000 I	Current State:	Date	-	Completion			Top Depth (ft, KB)		ttom Depth (ft, KB)
9000 I	ShorDene: 3.0 Calculand ShorTook T Fhashing 90 F0,049.0-10,082.0; Completion: NESS/IEP.DE	2/24/201 Perforation C		Conveyance		INAL HOLE	9,797.0 Gun Size (in)	0.754	799.0 rrier Make
9990 m	Commenciana: Secretaria: 50	Cutters V Shot Density	12 Th (2/2)		Charge Ty	100		3 1/8 Phasing (*)	
6866 e 6860 e	Calculated Shor Total: 10 Phasing Sto. 171:25:0-10;125:0; Completon: NESS/NER.DE, ORIGINAL HOLE	Sidiodelelly	(oroioni)	3.0		, pe	x como aptembro avela	Pridoing ()	
	ShortDens: 5.0	Orientation					Orientation Method		
0000 0000	Phasing 120 75.917.0-10.929.0; Completion: NESS/IERDE, DRIGINIAL HOLE	Over/Under i	Balanced P Over/	Under (psl)	FL MD Be	fore (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
(2000 P	CurrentState: Shorthers 50 Calculand ShorTook 19 Passing 120	Reference Lo	09						
(2000 la (2000 la	10,569 0-10,572 0; Completon: NESS/VERDE, ORIGINAL HOLE	Calculated S	Short Trotal						
(8)04 a 1804 a	Calculated Shor Total: 19	Calculated S	FIOT TOTAL						
(0)(0)	ORIGINAL HOLE Currentiscus:		tion Statuses						
9884 9861	ShorDene: 9.0 Calculand ShorTook 15 Phasing: 100 0,736.0-10,742.0; Completion: NESS/NERDS.	Date		Status				Com	
XXXI	ORIGINAL HOLE Currentissus:	Date	-65	Completion	estisero	0.000 Caraban (Top Depth (ft, KB)	1,000	tiom Depth (ft, KB)
8880 m 8888 m	ShorDene: 9.0 Calculand ShorTook 19 Phase log: 100 10,766.0-10,769.0; Completion: NESS/VER.DE,	2/24/201 Perforation C		MESAVER		SINAL HOLE	9,833.0 Gun Size (lin)		835.0 rrier Make
(880)	ORIGINAL HOLE Cumentages: Shorbens: 5.0	Cutters V	WL				3.27	3 1/8	
(8)00 m (8)00 m	[2/07] 120-10,792.0; Completon: NESU/ERDE.	Shot Density	(snots/ft)	3.0	Charge Ty	ype		Phasing (*)	
(A) (A)	Currentable Currentable Factorens 50 Calculated Short Took +0 Phasing +00	Orientation					Orientation Method		
(6)(4) (6)(4)	10,809,0-10,890.0; Completon: NESS/VERDE,	Over/Under 8	Balanced P Over/	Under (psl)	FL MD Be	fore (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
9888 P	Currentance: Shorthere 20	Balavanes	00	1000	1111	22 10	\$25.80	(100)	207.1472
	Calculated Shor Total: 15 Phasing: 120	Reference Lo	<u> </u>						
		Calculated S	shot Total						
100									
EP Energy Co	mpany		D	age 2/6				Deno	rt Printed: 3/23/20

RESOURC				Perfor	ations	3						
9	Surface Legal Location		Field Name			ounty		State UTAH			Configuration Type	
3-047-15158 rique Well ID G	S22-T7S-R23E Sr Elev (ft) Current Elevation		RED W		d Date	INTAH	Dry Hole TD	The second second second	otal Depth (Al	and the same of th	Vell	
T101925	5,590 5,604.00, <elvother< td=""><td></td><td>ation Sta</td><td></td><td>2/10/1953</td><td>3 00:00</td><td>4/6/20</td><td>12 18:00</td><td>DRIGINAL</td><td>L HOLE - 1</td><td>1,070.0</td><td></td></elvother<>		ation Sta		2/10/1953	3 00:00	4/6/20	12 18:00	DRIGINAL	L HOLE - 1	1,070.0	
	GINAL HOLE, 3/23/2015 3:4242 PM ertical schematic (actual)	Perrora	the state of the s	tuses	Status		T		С	om		
- WA	- W	Dete						T 4 10	_	Te-man		
		2/24/20)15		Completion		INAL HOLE	Top Depth (ft, Kt 9,858.0))	9,861	Depth (ft, KB)	
4119		Perforation Cutters	Company		Conveyano	e Method		Gun Size (in)		Carrier 3 1/8	Make	
	₩ .		ity (shots/ft)			Charge Ty	pe	3		sing (*)		_
	9,999,0-9,992.0; Completon: NESS/NEROE, ORIGINAL HOLE	Orientation	1		3.0)		Torientation Metr	nd			9
	CurvantState: ShortDane 30 Calculated ShortTotal+0	- 30 EVEN AND A SEC			valence:	os in consequence	delan success	Citologici inci		COLUMN TO THE CO	Later Section Control Section 18	
	Phasing 90 Pasting 90	Over/Unde	er Balanced	P Over/Un	der (psl)	FL MD Be	fore (ft, KB)	FLMD After (ft,	KB) P Su	irf Init (psi)	P Final Surf (psi)	
	CumantSasus: ShorDens: 9.0 Calculated ShorTosk 19	Reference	Log					13				_
	Phasing 90 8,023 0: Completon: NESS/VERDE, ORIGINAL HOLE Current Seaso.	Calculated	Shot Total									
	ShorDens: 9.0 Calculated ShorTook 19 Phasing 90		10110714/12001									- 1
	9,490,0-9,490,0; Completion: NESS/NEROE, ORIGINAL HOLE Current Sease:		ation Sta	tuses								
	ShorDene: 9.0 Calculated ShorTotal: 10	Date	1	- 3	Status				С	om		
801 801	Phasing 50 075c.0-6,5c6.0; Completon NESS/IEPDE, ORIGINAL HOLE CurrentSesse:	Date		-	Completion			Top Depth (ft, KE	5)	U 1700075000	Depth (ft, KB)	
1	Calculated ShorTook 7 Shaeing 90	2/24/20 Perforation	15 Company		MESAVER		INAL HOLE	9,916.0 Gun Size (lin)		9,918 Carrier	10000	_
	8790.0-9790.0; Completion NESS/VERIDE, ORIGINAL MOLE Currentistus: Parchart. 30	Cutters	WL		253			1112		3 1/8		
	Calculated ShorTotal: T Phasing 90	Shot Dens	Ity (shots/ft)		3.0	Charge Ty	pe		Phas	sing (*)		9
	Current State:	Orientation	1		-			Orientation Meth	od			
	ShorDanar 9.0 Calculated ShorTook 7 Phasing 90 9 300 0 9300 C Completon NESS/ISP.DE	Over/Und	er Balanced	P Over/Unc	der (psl)	FL MD Be	fore (ft, KB)	FL MD After (ft,	KB) IP Su	rf Init (psi)	P Final Surf (psl)	÷
	ORIGINAL HOLE Currentesas: 2000 Septembers 2.0				505		20.00	378	324		S** 0.6	
	Calculated Shor Total: 7 Phasing S0 9859.0-9 691 0: Completion: NESS/VER DE	Reference	Log									
	ORIGINAL HOLE Currentizatus: ShorDens: 9.0 Calculated ShorTosk+0	Calculated	Shot Total									
	Phasing 90 Sit 4.0-9.914.0; Completon: NESS/SERDS, ORIGINAL HOLE	Dorfor	ation Sta	tunon								
	Commerciance: ShorDane: 9.0 Calculated ShorTotal: T	Date			Status		1		С	om		
	1000 Photos 6-10,004 or Completon: NESS/NERDE,	Dete						T		Te-man		
	Current Sease: Short Sens 20 Calculated Short Total: 7 Phasing 90	2/24/20)15		Completion		INAL HOLE	Top Depth (ft, KE 10,022.0)	10,02	Depth (ft, KB) 24.0	
	ORIGINAL HOLE	Perforation	Company		Conveyano	e Method		Gun Size (In)		Carrier 3 1/8	Make	
	Cuman/Sasus: ShorDens: 9.0 Calculated ShorTosk+0 Shastlers 60	A CONTRACTOR OF THE PARTY OF TH	ity (shots/ft)			Charge Ty	/pe	9		sing (*)		_
	Phasing 90 **0.100.0-10.100 (Completion: MESS/ISP.DE, ORIGINAL HOLE Current Saste:	Orientation	1		3.0)		Orientation Metr	nd			9
	Shor Dene: 9.0 Calculated Shor Took 7 Phasing: 120	Circiato						One later wes				
	70.917.0-10.909.0; Completon: NESSUERDE, DRIGNISL HOLE	Over/Unde	er Balanced	P Over/Un	der (psl)	FL MD Be	fore (ft, KB)	FLMD After (ft,	KB) P Su	rf Init (psi)	P Final Surf (psi)	3
	ShorDana: 90	Reference	Log	e.					2			_
	ORIGINAL HOLE	Calculated	Shot Total									
	ANAT Shortbane 9.0 Calculand Shortbash 19 Phasing 100		duridad IV fateral									, is
	ORIGINAL HOLE		ation Sta	tuses								
	### ShartDena: 9.0 Calculated ShortTotal: 15 Phasing: 150 10,736.0-10,742.0; Completion: NESS/NEP.DE,	Date	2	3	Status				С	om		
	MOVA CUMANSAUS:	Date	500.5		Completion	Section 1	0.0000000000000000000000000000000000000	Top Depth (ft, KE	5)	Bottom	Depth (ft, KB)	_
	ShorDens: 9.0 Calculated ShorTotal: 19 Phasing 150 10,799.0-10,799.0; Completon: NESS/VER.DE,	2/24/20	15 Company		MESAVER		INAL HOLE	10,049.0 Gun Size (lin)		10,05 Carrier		_
	ORIGINAL HOLE	Cutters	WL		- Janejan			32. 32. (81)		3 1/8		
	Commentation Section 20 Calculated Short Cost 10 Planting 10 Photo Completion (MSS) SPDS ORIGINAL HOLE CORRIGINAL ON CORRIGINATION COR	Shot Dens	ity (shots/ft)		3.0	Charge Ty	pe		Phas	sing (*)		9
	Original Hold Current Seas: Enrothers 50 Calculated Short Teal + 10 Phasing + 100 Phasing + 100	Orientation	1		0.0	1		Orientation Metr	od			-
	######################################	Over/Linds	er Balanced	P Over/Unc	der (psl)	FL MD Be	fore (ft, KB)	FL MD After (ft.	KB) IPSu	rf Init (psi)	P Final Surf (psl)	
	ORIGINAL HOLE Current Sease: Tenchers:90 Calcutand Short Took 19		1		100				824	114.33		À
	Phasing 100	Reference	Log									
		Calculated	Shot Total									- 8
												1
P Energy Con	npany			12000								
				Pan	e 3/6					Report [Printed: 3/23/2	4197

RESOURCE		Per	forations			
API	Surface Legal Location	Field Name	County	State		figuration Type
43-047-15158 Unique Well ID G	S22-T7S-R23E or Elev (ft) Current Elevation	RED WASH KB to CF (ft)	UINTAH Spud Date 0	UTAH Ory Hole TD Date Total	S-Well Depth (All) (ft, KB)	
UT101925	5,590 5,604.00, <elvother< td=""><td></td><td></td><td>4/6/2012 18:00 OR</td><td>RIGINAL HOLE - 11,0</td><td>70.0</td></elvother<>			4/6/2012 18:00 OR	RIGINAL HOLE - 11,0	70.0
	SINAL HOLE, 3/23/2015 3:4249 PM ertical schematic (actual)	Perforation Statuses	Status .		Com	
	- AN			Q-100 (A) (A) (A)	(64 for 6 and 64)	
		Date 4/17/2012	Completion MESAVERDE, ORIGIN	Top Depth (ft, KB) (AL HOLE 10.123.0	Bottom Dep 10.125.0	
100		Perforation Company	Conveyance Method	Gun Size (In)	Carrier Mai	
	-	LONE WOLF WL Shot Density (shots/ft)	Charge Type	e .	0.0 Phasing (*)	
	9.399.0-9.392.0; Completon: NESS/VERDE, CRIGNIUL HOLE	Orleanista	3.0	Colombian Mathed	2	120
	CurvantState: 30 (ShortDani 10) Calculant ShortTors(10)	Orientation		Orientation Method		
and the	Phasing 50 Phasing 50 Phasing 50 CRISINUL HOLE CRISINUL HOLE	Over/Under Balanced P Ov	er/Under (psl) FL MD Befor	A CONTRACTOR OF THE PROPERTY O	The state of the s	P Final Surf (psi)
	Current Satur: Short Pane: 90 Calculated Short Total: 19	NEUTRAL Reference Log	0.0	0.0	430.0	0.0
	Phasing 90 9,429.0-9,427.0; Completon: NESS/VERDE, ORIGINOL HOLE	Calculated Shot Total				
	CurrentStatus: ShorDent: 50 Calculated ShorTotal +5	Calculated Shot Total				7
	Phasing 60 9,490.0-9,490.0: Completon: NESS/VEROE, ORIGINAL HOLE	Perforation Statuses	3			
	Current/Satus: ShortDens: 9.0 Calculated ShorTotal: 10	Date	Status		Com	
9001	Phasing:90 95cc.0-95c6.0; Completon: NESS/ISR.05. ORIGINAL HOLE	Date	Completion	Top Depth (ft, KB)	Bottom Dep	th (ft. KB)
5000 9000 E	Short Sans: 5.0 Calculated Short Total: T	4/17/2012	MESAVERDE, ORIGIN	AL HOLE 10,317.0	10,323.0)
XXXI	8740.0-9,760.0; Completon: NESS/VERDE, ORIGINAL HOLE	Perforation Company LONE WOLF WL	Conveyance Method	Gun Size (lin)	0.0 Carrier Mak	08
55500 m 15500 m	Comerciaeux Short Dennisio Calculand Short Tosk T Short Short Tosk T Short Short Tosk T Short Sh	Shot Density (shots/ft)	Charge Type	e .	Phasing (*)	Series S
5000	DRIGINAL HOLE	Orientation	3.0	Orientation Method	28±010	120
MARK I	Convertigatus: ShorDens: 9.0 Calculated ShorTook 7	Circinatori		OTIS ISSUE IN CERCO		
1600 C	Phasing 90 9350.0-9,955.0; Completon: NESS/IERDE, ORIGINAL HOLE	Over/Under Balanced P Ov NEUTRAL	er/Under (psi) FL MD Befor 0.0	re (ft, KB) FL MD After (ft, KB) 0.0	P Surf Init (psi) 430.0	P Final Surf (psi) 0.0
	ShorDena: 0.0 Calculated ShorTotal: 7	Reference Log	0.0	0.0	430.0	0.0
200	Phasing 90 9339 0-9391 0: Completion NESS/SERDS, ORIGINAL HOLE Current Saste:	Calculated Shot Total				
	ShorDane 30 Calculated ShorTotal:10 Phasing 90	Calculated Shot Total				19
	#\$14.0-9.814.0; Completon: MESS/VERDS, ORIGINAL HOLE Current Sess:	Perforation Statuse:	3			
8000 E	ShorDene: S.O. Calculated ShorTook T	Date	Status		Com	
900 P	Phasing 90 Photo 0-10,00x 0: Completon NESS/GRDS, ORIGINAL HOLE CUrrent Seas:	Date	Completion	Top Depth (ft, KB)	Bottom Dep	th (ft, KB)
980 L	ShorDena: S.0 Calculated ShorTotal: T	4/17/2012	MESAVERDE, ORIGIN	CONTRACTOR OF THE PROPERTY OF	10,372.0	
(2000 s (2000 s	Phasing 90 This billion of Completon NESS/IEROS, ORIGINAL HOLE COMMENTS AND COMPLETON OF COMPLET	Perforation Company LONE WOLF WL	Conveyance Method	Gun Size (in)	0.0 Carrier Mak	1 e
2000 II	Calculated Shor Total: 10	Shot Density (shots/ft)	Charge Type	e '	Phasing (*)	420
	VE1230-10/1250: Completon: NESUIERDE ORIGINAL HOLE Currentistatus	Orientation	3.0	Orientation Method		120
L	Shor Dana: 5.0 Calculated Shor Total: T Phasing: 120				AND TOUR DESCRIPTION	approximation is
0000 P	Phasing 100 Phasing 100 F0 917 0-10 303 0; Completon NESU SRIDE, ORIGINAL HOLE Current Salas:	Over/Under Balanced P Ov NEUTRAL	er/Under (psi) FL MD Befor	re (ft, KB) FL MD After (ft, KB)	P Surf Init (psi) 430.0	P Final Surf (psi)
9888 E	Construction Serious Serious 19 Calculated Serious 19 Feating 100	Reference Log	777.1		1.55.0	
2000 ·	10368-0-10372-0: Completon: NESS/JERDE, ORIGINAL HOLE Currentistus:	Calculated Shot Total				
(2004 a 1200 a	GOOD Short Superior S					13
(0)(0)	CUMANSSESS	Perforation Statuses				
5000 E 5000 E	\$000 ShorDena: 9.0 Calculated ShorTotal: 15 Phasing: 120 10,736.0-10,742.0; Completion: NESS//EPDE,	Date	Status		Com	
MARKE.	Congresses:	Date	Completion	Top Depth (ft, KB)	Bottom Dep	th (ft, KB)
(0.000 m (0.000 m	ShorDene: 9.0 Calculated ShorTook 16 Phasing 120 10,746.0-10,749.0; Completon NESS//EFDE,	4/17/2012 Perforation Company	MESAVERDE, ORIGIN	TO SECURE OF THE PROPERTY OF THE PARTY OF TH	10,422.0 Carrier Mai	
9000 I	DOOD CHARGE SO	LONE WOLF WL	Conveyance Method	Gun Size (In)	0.0	
78000 s 2000 s	ShorDena: 9.0 Calculated ShorTosk: 10 Freshing: 120 F0,779.0-10,792.0; Completon: NESU/ERDE,	Shot Density (shots/ft)	Charge Type	e ·	Phasing (*)	400
2008 E	#0000 Currantage	Orientation	3.0	Orientation Method		120
\$688 I	PhotOens S0 (alculated ShorToek 10 Phashing 120 10 2636-0-10 2000; Completer: NSSN/EP DS, ORIGINAL HOLE	Outsell Index Balanced In a	ard lader forth Fri 115 F	(A (A (A)	D Durit last Corp.	D Flori Cod (acc
0008 P 0000 P	ORIGINOL HOLE Currentianus: Tanchers 20 Calculand ShorTosh 19	Over/Under Balanced P Ov NEUTRAL	er/Under (psl) FL MD Befor 0.0	re (ft, KB) FL MD After (ft, KB) 0.0	P Surf Init (psi) 430.0	P Final Surf (psi) 0.0
	Calculated ShorTotal:15 Phasing:120	Reference Log				
		Calculated Shot Total				
***						13
25 C C C C C C C C C C C C C C C C C C C	0.00					
QEP Energy Con	npany		Page 4/6		Report Prin	ited: 3/23/2015

RESOURCE		Pe	rforations			
API	: RWU 34-22B (31) Surface Legal Location	Field Name	County	State		guration Type
43-047-15158 Unique Well ID	S22-T7S-R23E Gr Elev (ft) Current Elevation	RED WASH	20x 13 400 x 2 x 3 x 3 x	UTAH Dry Hole TD Date Tot	S-Well al Depth (All) (ft, K5)	
UT101925	5,590 5,604.00, <elvothe< th=""><th>rnote> 14.0</th><th></th><th></th><th>RIGINAL HOLE - 11,07</th><th>0.0</th></elvothe<>	rnote> 14.0			RIGINAL HOLE - 11,07	0.0
	GINAL HOLE, 3/23/2015 3:42:57 PM ertical schematic (actual)	Perforation Status	Status		Com	
	200				Water parties	
		Date 4/16/2012 Perforation Company	Completion MESAVERDE, ORIGIN Conveyance Method	Top Depth (ft, KB) NAL HOLE 10,736.0 Gun Size (in)	Bottom Deptr 10,742.0 Carrier Make	S. C.
		LONE WOLF WL Shot Density (shots/ft)	Charge Tue		0.0 Phasing (*)	
	9,269.0-9,292.0; Completon HESSHEROS	Shot Definity (andiant)	3.0 Charge Typ	•	Pridaing ()	120
	ORIGINAL HOLE CONSCRIPTION	Orientation	417766	Orientation Method		2,4/20
ممالامما	ShorDene: 9.0 Calculated Short Total: 10 Phealing 90 9.907.09.911.00.05hi/Section (MSa/Host Den)	Over/Under Balanced P.O.	wer/Under (psl) FL MD Befo	re (ft, KB) FL MD After (ft, KB	B) P Surf Init (psi)	P Final Surf (psi)
	ORIGINAL HOLE Current saus: Shortbers 3.0 Calculated Short Took 13	Reference Log	0.0	0.0	0.0	0.0
	Calculated Profitor 19 Pleasing 50 8 4335-04477 Completor NESS/EPDS OR Should HOLE Convenience Calculated Profitor 19 Calculated Profitor 19 Calculated Profitor 19	Calculated Shot Total				40
	Phasing 90 9.490.0-9.493.0-Completon NESS/IEP.DE	Perforation Status	20			19
	ORIGINAL HOUS Current Sauce: ShortDens (5.0 Calculated ShortTook (1.0	Date	Status	*	Com	
000	MARIO 9544 0-9540 Completon NESCHERDE		1			
9000 L	Commencators Shorteners 50	Date 4/16/2012	Completion MESAVERDE, ORIGIN	Top Depth (ft, KB) NAL HOLE 10.766.0	Bottom Deptr 10.769.0	(ft, KB)
986 = 888	Calculated Short Total: T Phasing 50 \$7400-6,7400; Completon: NESU/SRDS, ORIGINAL HOUS	Perforation Company	Conveyance Method	Gun Size (In)	Carrier Make	0
(000)	Curvant Season	LONE WOLF WL Shot Density (shots/ft)	Charge Typ	ie .	0.0 Phasing (*)	0
53000 E	ShorDana: 30 Calculated ShorTook? Peaking 30 (1910-9-719 0; Completon NESS/SFIDE, Obligate, NOLE	6537 (650)	3.0	-	Ø386A	120
0000R III	Comercians: Comercians: C	Orientation		Orientation Method		
10000 L	Phasing 90 95000-9505 & Completon NESS/SEPDE	Over/Under Balanced P.C	ver/Under (psl) FL MD Befo	50 9510	6 19.00	P Final Surf (psi)
	ORIGINAL HOLE Current Sace: Short Densit Sign Calculated Short Total: 7	Reference Log	0.0	0.0	0.0	0.0
	Phasing 90 9859 0-9361 or Completon NESS/IEROS, ORISMUL HOLE					
	CurrentSens: ShorDens: 3.0 Calculated ShorTosh+0	Calculated Shot Total				10
	Phasing 50 IS16 0-6 916 0; Completion: NESS/ISF 05, ORIGINAL HOLE	Perforation Status	es			
9000 9000	Current Sacus: ShorDens: 9.0 Calculated ShorTook T	Date	Status		Com	
(800) L	Phasing Sc 10,000 - 10,000 0; Completon NESU/ERDE, 05,000 up 05	Date	Completion	Top Depth (ft, KB)	Bottom Deptr	(* VE)
3000 9000	CurrentSeas: ShortDens: 5.0 Calculated ShortTotal: 7	4/16/2012	MESAVERDE, ORIGIN	C. 2 Van de la 2771 77	10,782.0	(IL ND)
2000 III	FÖDES D-10,030.0; Completon: MESS/IERDS, ORIGINAL HOLE	Perforation Company LONE WOLF WL	Conveyance Method	Gun Size (in)	Carrier Make 0.0	
(0)00 p	ShorDene: 9.0 Calculated ShorTotal: 10	Shot Density (shots/ft)	Charge Typ	e e	Phasing (*)	1111
- Marie	10,123,0-10,125.0; Completon: MESS/IERDE, ORIGINISE, HOLE	Orientation	3.0	Orientation Method		120
	Current State: ShorDene: 9.0 Calculated ShorTook 7	Oriension		Orienasur mesios		
0000 P	Phasing 120 PR3917.0-10.303.0; Completion: NESULERDS, COMPLET COMPLETED COMPLICATION COMPLETED COMPLETED COMPLETED COMPLETED COMPLETED COMPLICATION COMPLETED COMPLETED COMPLETED COMPLETED COMPLETED COMPLICATION COMPLETED COMPLICATION COMPLETED COMPLICATION COMPLICATION COMPLICATION COMPLICATION COMPLICATION COMPLICATION COMPLICATION COMPLICATION COMPLICATION COMPLICATION COMPLICATION COMPLICAT	Over/Under Balanced P C	(ver/Under (psl) FL MD Befo	re (ft, KB) FL MD After (ft, KB 0.0	8) P Surf Init (psi) 0.0	P Final Surf (psi) 0.0
2000 E	Port Products Port Para 130 Port P	Reference Log	0.0	0.0	0.0	0.0
1000 L	103680-103720; Completon: NESS/IERDE, ORIGINAL HOLE Current Sense:	Calculated Shot Total				
(0)(%) = (0)(%) =	GhorDens: 9.0 Calculated ShorTosk +9	Calculated Shot Total				10
(8)00 p	Phasing:100 10.419.0-10.000 Completon NESUSERDS DRIGHNU HOUS Current Secus	Perforation Status	es			
988	ShorDene: 5.0 Calculated ShorToral: 15	Date	Status		Com	
9000 E	Phasing:120 10.736.0-10.742.0; Completion: NESU/ERDS, ORIGINAL HOLE CUMMIT Sease:	Date	Completion	Top Depth (ft, KB)	Bottom Depth	(fl. K5)
(000)	ShorDens: 9.0 Calculated ShorTook 19 Charlos 100	4/16/2012	MESAVERDE, ORIGIN	NAL HOLE 10,826.0	10,830.0	203 33
2000 s	ORIGINAL HOLE	Perforation Company LONE WOLF WL	Conveyance Method	Gun Size (In)	O.O Carrier Make	
5800 In	2000 Commence Co	Shot Density (shots/ft)	Charge Typ	ie .	Phasing (*)	2002
56500 F 56000 T	#0000 Currenteers	Orientation	3.0	Orientation Method		120
9888 I	Parist Dans (30) Calculated Short Took 10 Pearing (30) 10,000 0-10,000 0, Completon: NESS/ISP DE CORLIGHE, MCLE					
(888 p.	10,809.0-10,800.0; Completon: MESS/IERDE, OR/SHIOL HOLE CurrentSatus: SportSatus: 2.0	Over/Under Balanced P.C	ver/Under (psl) FL MD Befo 0.0	re (ft, KB) FL MD After (ft, KB 0.0	B) P Surf Init (psi) 0.0	P Final Surf (psi) 0.0
	Current/Sease: PhorDens 9.0 Calculated Shor Took 19 Phasing: 100	Reference Log	0.0		0.0	0.0
		Calculated Shot Total				
						13
STATE OF THE PARTY						
QEP Energy Cor	npany		Page 5/6		Report Print	ed: 3/23/2015



Perforations

Well Name: RWU 34-22B (31)

Well Configuration Type Surface Legal Location Field Name County State S-Well 43-047-15158 S22-T7S-R23E RED WASH UINTAH UTAH Dry Hole TD Date Unique Well ID Gr Elev (ff) Current Elevation KB to CF (ft) Spud Date Total Depth (All) (ft, KB) UT101925 5,590 5,604.00, <elvothernote> 14.00 12/10/1953 00:00 4/6/2012 18:00 ORIGINAL HOLE - 11,070.0

S-Well - ORIGINAL HOLE, 3/23/2015 3:43:05 PM Perforation Statuses Status Cam Vertical schematic (actual) Date W. 9,099,0-9,090,0; Completon: MESUJERDE, ORIGINOL HOLE Current Sease: Short Dens 3.0 Calculated Short Total: 1.0 Calculated Short Total + 0
Phasing 50
Pasting 50
Pasting 50
Pasting 50
Pasting 50
Phasing horDens: 9.0 Calculated ShorTotal: 19 Phaeing: 90 9,490.0-9,499.0: Completon: NESS//ERDE, ORIGINIA: HOLE ORIGINAL HOLE
Comercisate:
ShortDenn 3:0
Esclusias ShortTeak 1:0
Phasing 6:0
Esclusias ShortTeak 1:0
200 1000 2000 **1000** 880 1000 1000 CurrentStatus: ShorDens: S.D Calculated ShorTotal: 7 1000 2000 1000 Phasing 90 87 97 0-9, 799 0; Completion NESS/IER DE, DRIGHIUL HOUS Current Sease: Ser Dens 9.0 Calculated Shor Took 7 200 1000 2000 100 (88) 1000 Phasing 90 93630-93650; Completon: NESU/ERDS, ORIGINAL HOLE 000A 1000 CurrentStatus: ShorDens: 9.0 Calculated ShorTotal: 7 Malectures Short cest? Pleasing 30 (\$35.00.00 pt.) Completion (\$25.00.00 pt.) Company House Company Short Cest? Calculate Short Cest? Calculate Short Cest? Calculate Short Cest? Charles 10 (\$15.00.00 pt.) Completion (\$25.00 pt.) Charles House Company Short Cest? Calculate Short Cest? Calculate Short Cest? Calculate Short Cest? 3000 1000 Calculated Short Tope: T Privating 50 or Completion: NESS/SER DE, ORIGINAL HOLD Completion: NESS/SER DE, Compart Share: Sero Chem; 50 Tope: T Pressing 50 FBD: Completion: NESS/SER DE, ORIGINAL HOLD Completion: NESS/SER DE, Comparts, HOLD Completion: NESS/SER DE, Comparts, HOLD Completion: NESS/SER DE, Comparts, HOLD Completion: NESS/SER DE, Comparts Services 000 1000 8000 1000 8881 1000 000A **1000** ## Dock on 10,000 Completion (MESHER DC, ORIGINAL HOLD, Commendance)

Description (MESHER DC, ORIGINAL HOLD)

Description (MES 6000 L 1000 9888 1000 2000 1000 Comerciana de la completion (NESA) CER DE Comerciana de la completion (NESA) CER DE Completion (NESA) CER DE COMPLETION (NESA) CERCON (NESA) 200 1000 (000) 2000 2001 2000 0000 9801 2000 9000 L 2000 9000 000A 6000 E 2000 WWI

RWU 34-22B (31)

Name VU 34-	22B (31)			Primary Job Type AFE - DRL-CT (completion)	Secondary Job Type DEVELOPMENT	Objective AFE	Start Date 4/15/2012	Job End Date 4/19/2012	
RPT#	End Date	Cum Time Log (days)	Day Total (Cost)	Current Ops		Summary	Time Log Hrs	syscreateuser	
1	4/16/2012 06:00		71,750.00	PREP TO FRAC 2 MV ZONES	PREP TO FRAC 2 MV ZONES	THE RESERVE OF THE PERSON OF T		DFW_WV310User	
2	4/17/2012 06:00	0.31	192,342.00	WELLBORE ISOLATED AT 6000' WITH COMP.BP	FRAC AND PERF.2 MESAVER COMP.BP AT 6000'	7.50	DFW_WV310User		
3	4/18/2012 06:00	0.90	20,094.50	4/18/2012. MIRU. SICP=700. ND FRAC VALVE. NU BOP STACK. TALLY & RIH W/ MILL, PUMP OFF BIT SUB, 190 J	4/18/2012. MIRU. SICP=700. N TALLY & RIH W/ MILL, PUMP KILL PLUG @6000'. RU SWIVI GOOD. DRILL OUT KILL PLU WELL TO FLOW BACK	14.00	DFW_WV310User		
4	4/19/2012 06:00	1.31	68,006.00	4/19/2012. SITP=0, FCP=1150. TALLY & PICK 82 JNTS TO TAG FRAC PLUG @ 10,600'. DRILL OUT PLUG. TAG FI	4/19/2012. SITP=0, FCP=1150. PLUG @ 10,600'. DRILL OUT OUT TO 11,050'. PUMP 20 GA JNTS EOT@10,715'. LAND TE HEAD. PUMP BIT OFF		DFW_WV310User		
FE - R	EC (Recomplete	e), 2/9/2015	06:00			1 1			
ell Name	100000	•		Primary Job Type	Secondary Job Type	Objective	Start Date	Job End Date	
WU 34-	22B (31)			AFE - REC (Recomplete)			2/9/2015	3/11/2015	
RPT#	End Date	Cum Time Log (days)	Day Total (Cost)	Current Ops		Summary	Time Log Hrs	syscreateuser	
1	2/10/2015 06:00		1,360.00		CONTRACT WORK			50170	
2	2/18/2015 06:00		2,924.00	111	CONTRACT WORK	11 114 114		50170	
3	2/19/2015 06:00	0.56	8,381.94	MIRU	Spot in and rig up pump. X-Ot well head. NU5k bop's. RU flo	2/18/15: Road rig & equipment 62 miles to location. Spot in & rig up. Spot in and rig up pump. X-O to 2 3/8" tbg equipment. Bleed well off. ND well head. NU5k bop's. RU floor. Pooh LD tbg hanger and stand back 200 joints of 2 3/8" P-110 tbg. EOT @4349". Shut tbg in. Turn casing up			
4	2/20/2015 06:00	1.21	11,935.78	Bleed well off	gage ring 3.70 to 10,080'. RIH design. RD wire line. RIH with	2/19/15: Bleed well off. Pooh with 137 joint's. MIRU wire line. RIH with gage ring 3.70 to 10,080'. RIH with 15k CFP and set @10,070' per design. RD wire line. RIH with 337 joint's of 2 3/8" L-80 tbg. Pooh LD 337 joint's of 2 3/8" L-80 tbg. SWIFN.			
5	2/24/2015 06:00	1.42	18,521.02	Bleed well off	tree. Rig down and rack outrig	2/23/15: SICP=325. Bleed well off. RD floor and ND bop's. NU 10k frac tree. Rig down and rack outrig equip. K &E hot oilier filled casing with 120 bbl's. Pressure test to 8500 #psi and lost plug. Shut well in. RD hot loilier.			
6	2/25/2015 06:00	1.65	33,477.78	RU wire line	2/24/15: MIRU Cutters wire lim 15k Halliburton CFP 4 1/2" and fill with 120 bbl's. MIRU Camer and casing to 8552 #psi. Good with shots of 37" hole W/44" p Thrubit Spectral Density Dual 12 back to Lone Wolf CBL date #psi increase on well. Shut we	d	temptwilliams		
7	2/28/2015 06:00	2.65	214.918.00		Frac stage #1		24.00	browning.contractor	

RWU 34-22B (31)

RPT#	End Date	Cum Time Log (days)	Day Total (Cost)	Current Ops	Summary	Time Log Hrs (hr)	syscreateuser
8	3/1/2015 06:00	3.23	38,248.78	MIRU work over rig	2/28/15: Road rig & equipment 39 miles to location. Spot in and rig up. X -O to 2 3/8" tbg equipment on rig & bop's. ND frac tree. NU 5k drill out stack. RU floor. Make up 3 5/8" mill, pump off bit sub, F-Nipple 1.812, Tally rabbit and pick up 157 joint's of 2 3/8" L-80 tbg. Tag kill plug @5008'. RU swivel and rig pump. Fill tbg with 2%kcl water. Drill kill plug out holding 800#psi on casing in 20min. Take a 700#psi kick. Continued to tally rabbit and pick up tbg. EOT @5842'. Turn well over to flow back crewfor night. Shut tbg in and close hydrill, piperams and lock. SDFN	14.00	temptwilliams
9	3/2/2015 06:00	3.75	30,501.01	Flowing well back	3/01/15: Continued to flow well back with 1000 #psi on a 22/64 choke 100 bph. Tally, rabbit and pick up tbg tag frac plug #1 @9570'. RU swivel and pump. Drill plug out in 20 min. RIH tag fill top @9894' clean out plug remain's and sand 178'. Tag frac plug #2 @10,072'. Roll hole for 1/2 hr. Pooh LD 10 joint's. Make up tbg hanger. Land tbg in well head. EOT @9768'. ND bop's. NU well head. Continued to flow well back 100 bph. Rig down rack out equipment. RU flow line. Turn well over to production @4:30. Move rig and equipment off location. SDFN		temptwilliams
10	3/3/2015 06:00	3.75	2,739.35	1000	CONTRACT WORK		50170
11	3/6/2015 06:00	4.15	5,093.24	MIRU	03/05/2015: Road rig 3.5 miles, MIRU, SITP = 0# psi. FCP = 0# psi. ND well head. NU bop's Pull tbg hanger. POOH w/ tbg LD Pump off bit sub. MU collar to F- Nipple RIH w/ 167 Jt of 2 3/8 L-80 tbg. SWIFN EOT @ 5410'	9.50	tempmcclure
12	3/7/2015 06:00	4.44	9,414.12		03/06/2015: RIH w/ remaining tbg MU hanger. Land well w/ EOT @ 9765' ND bops NU well head. Well is shutin, RDMO.	7.00	tempmcclure
13	3/8/2015 06:00	4.44	4,495.52		CONTRACT WORK		50170
14	3/11/2015 06:00	4.44	39,846.65		CONTRACT WORK		50170